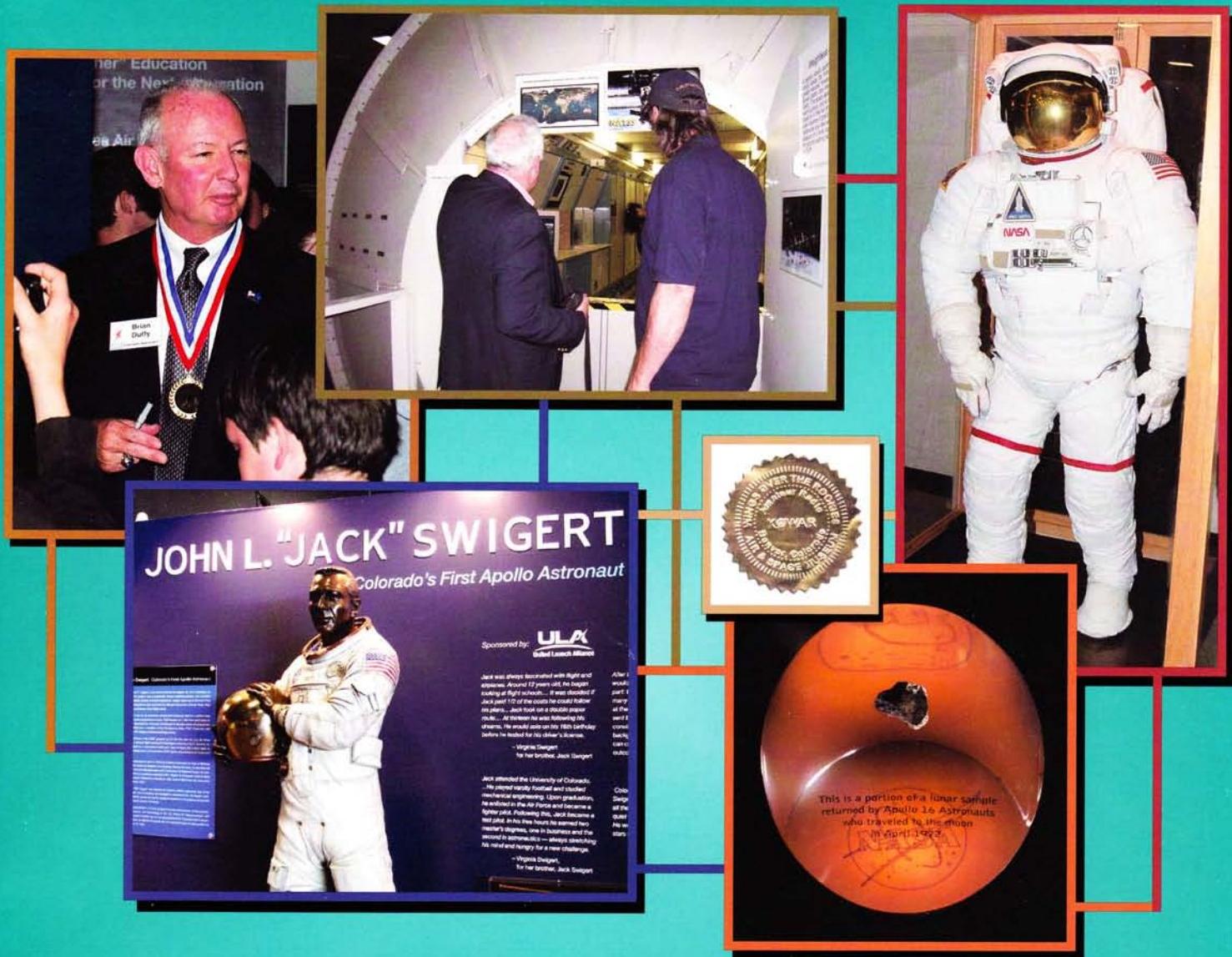




QCWA Journal

Quarter Century Wireless Association - Founded in 1947

www.qcwa.org • Published Quarterly • \$6.25 • Fall 2008 • Vol. 57, No. 3



The Wings Over The Rockies Air and Space Museum. Brought to you by Scott Thompson, KB6CC, Chapter 58 (additional photo credits: page 1)

Quarter Century Wireless Association
PO Box 3247
Framingham, MA 01705-3247

Change Service Requested

NON PROFIT
U.S. POSTAGE
PAID
ASHLAND, MA
PERMIT NO. 7



WANTED

THERE ARE NEW LAWMEN IN TOWN!

Sheriff Val Erwin, W5PUT, and Marshal Larry McCalvy, WA9JMO, both QCWA Directors, are offering a \$250 "bounty" to the QCWA Member that recruits the most NEW QCWA Members in a given quarter. In order to accomplish this feat, the Sheriff and Marshal hereby deputize each QCWA Member as a deputy! The "hunt", with a single bounty award for each quarter, continues for a total of four (4) quarters. The winning deputy will be announced in each succeeding issue of the Journal for the previous quarter.

The Rules:

1. The Officers and Directors of the QCWA at the National level are ineligible.
2. Only current Members in good standing are eligible to apply for and receive the bounty as a deputy.
3. An individual deputy may only win the \$250 bounty a single time during the duration of the contest over multiple quarters.
4. Only NEW Members recruited during each applicable quarter are eligible to be counted by deputies for credit.
5. Special Conditions: Renewing Members are eligible to become a deputy the first day of the month following their effective renewal.
6. No intermixing of recruited Members is allowed between quarters.
7. Application is made by submitting the list of recruited Members to the GM, Chuck Walbridge, by the 15th of the month following the end of the Quarter you wish to claim. All new membership applications claimed must have reached QCWA Headquarters by the end of that quarter.
8. The new Member's names on the submitted list MUST agree with the names on the new application form(s) to include the "Proposed by" line.
9. The applying deputy must have proposed the NEW Member in order for it to be counted.
10. The General Manager will be the final authority on the award of the four bounties: 2nd, 3rd, and 4th quarter of 2008; 1st quarter of 2009.
11. In case of dual winning entries, the winner will be determined by the earliest postmarked date.
12. The QCWA deputy that wins for each quarter will have his/her name announced in the QCWA Journal and will receive a QCWA check in the mail for \$250.00.

By Order of the Sheriff and the Marshal





QUARTER CENTURY WIRELESS ASSOCIATION, INC.

Business Office
QCWA, Inc.
P.O. Box 3247
Framingham, MA 01705-3247
508-405-1930
FAX: 508-405-1965
qcwagm@rcn.com

Editor/Designer
Douglas Walbridge
P.O. Box 251
Hudson, MA 01749
qcwaeditor@gmail.com

Webmaster
Bob Roske, NOUF
993 Hassan Street SE
Hutchinson, MN 55350-3215
320-587-3890
broske@hutchtel.net

QCWA On The Web:

<http://www.qcwa.org>
e-mail address:
qcwagm@rcn.com

QCWA National Nets

SSB - Sunday at 2000Z on 14347
CW - Wednesdays at 2400Z
WED (0000Z THU) on 7035

QCWA JOURNAL is published four times a Year (quarterly) by the Quarter Century Wireless Association, Inc. Membership in QCWA, including a subscription to the Journal, is available to individuals who qualify in the United States and its possessions at the following rates: \$25 for one year; \$40 for two years; \$55 for three years; and \$375 for Life. For Canadian & foreign membership rates, please contact the business office.

POSTMASTER: Please send change of address to QCWA, Inc., P.O. Box 3247, Framingham, MA 01705-3247.

Contents of this Journal are ©2008 QCWA (Quarter Century Wireless Association)

DISCLAIMER: Opinions expressed by the authors of articles contributed to the Journal do not represent the official position of the Officers or Directors of the Quarter Century Wireless Association, Inc.

QCWA Journal

www.qcwa.org • Fall 2008 • Volume 57, Number 3

REPORTS

President's Message - Bob Roske, NOUF	3
General Manager's Report - Chuck Walbridge, K1IGD	5
QSO Party Results	9
Chapter Reports	16
New Members	43

FEATURES

Fame, Fortune and Ethics - Robert R. Smith, KK3P	4
Pete Side's 100th Birthday - Larry McCalvy, WA9JMO	6
QCWA Email Reflector - Bob Roske, NOUF	7
Ed Karagozian, K6JGN Honored	7
Leo Meyerson, W0GFQ - Dick Clark, K6GLB	8
The Wings Over The Rockies - Scott Thompson, KB6CC	39
Bridges To The Future - Rich Siff, WA4BUE and Vic Culver, V4VIC	40
Random Recollections - George Hart, W1NJM	46
Novice History, Part 3 - Cliff Cheng, Ph.D., AC6C	50

COLUMNS

Q&A The Rules Say... - John B. Johnston, W3BE	13
---	----

DEPARTMENTS

Memorial Scholarship Fund	45
Classified Ads	52
Silent Keys	54
Chapters On The Air	55



This month's cover: From left to right: Astronaut Brian Duffy, N5WOW, at the opening of "Colorado Astronauts," a new exhibit at the Wings Over the Rockies Air & Space Museum in Denver, Colorado. Photo by George Blood, W2KLJ. **ISS Module:** Museum visitors looking into the full-sized International Space Station module exhibit at the Wings Over the Rockies Air & Space Museum in Denver, Colorado. Photo by Robbin Thompson. **A NASA EVA "spacesuit" exhibit** at the Wings Over the Rockies Air & Space Museum in Denver, Colorado. Photo by George Blood, W2KLJ. **The John L. "Jack" Swigert centerpiece** in the "Colorado Astronauts: In Their Own Words" exhibit at Colorado's Wings

Over the Rockies Air & Space Museum in Denver. Photo by Scott Thompson, KB6CC. **The gold kOWar seal;** a **lunar sample** from one of NASA's "Ambassador of Exploration" awards, part of the 842 pounds of Moon rocks returned during the lunar expeditions from 1969 to 1972. NASA Photo. To the immediate left we see KOWAR (Wings Amateur Radio) special event station operators **Russ Young, W0EXR**, and **John Wallis, W0CGV**, at the opening of "Colorado Astronauts," a new exhibit at the Wings Over the Rockies Air & Space Museum in Denver, Colorado. Photo by George Blood, W2KLJ

QCWA Officers and Board of Directors

President: Bob Roske, NØUF

993 Hassan Street SE., Hutchinson, MN 55350-3215
Phone: 320-587-3890, email: broske@hutchtel.net

Vice President: Kenneth 'Ken' D. Oelke, VE6AFO

729 Harvest Hills Drive NE, Calgary, AB, T3K 4R3, Canada
Phone: 403-226-5840, email: ve6afo@3web.net

Secretary: Walter Supina, N3WS

525 Ridge Avenue, State College, PA 16803-3442,
Phone: 814-238-3798, email: n3wscwa@gmail.com

Treasurer: Frank Harris, WA4PAM

512 E Pasadena Ave, Clewiston, FL 33440-3207
Phone: 863-983-3800, e-mail: fcharris44@embarqmail.com

General Manager: Chuck Walbridge, K1IGD

P.O.Box 3247, Framingham, MA 01705-3247
Phone: 508-405-1930, FAX: 508-405-1965,
email: qcwagm@rcn.com
QCWA home page - <http://www.qcwa.org>

Directors

Leroy Baldwin, WØOFY

645 Mentzer Road S, Robins, IA 52328-9703
Phone: 319-395-7183, email: lgbw0ofy@aol.com

Val Erwin, W5PUT

1419 Latigo Lane, Flower Mound, TX 75002-6588
Phone: 817-490-6122, email: dallasqcwa@sbcglobal.net

Carolyn Harrison, WBØOUM

P.O. Box 467, Bolivar, MO 65613-0467
Phone: 417-777-7777, email: carolynwb0oum@alltel.net

Tony Hirsch, W8RSH

6229 Olentangy River Road, Worthington, OH 43085-3469
Phone: 614-880-4466, email: thirsch@ameritech.net

Larry McCalvy, WA9JMO

5400 6 Mile Road, Racine, WI 53402-9741
Phone: 262-639-7327, e-mail: wa9jmo@wi.net

William Pasternak, WA6ITF

28197 Robin Avenue, Saugus, CA 91350-2066
Phone: 661-296-7180, email: wa6itf@arnewsline.org

Joan Powell, VE3ZC

3112 Woodroffe Avenue, Ottawa, ON, K2J 4G3, Canada
Phone: 613-825-4543, email: ve3zc@rac.ca

Ed Yoder, W3YMB

9 Lakeridge Dr., Greensburg, PA 15601-9799
Phone: 724-850-4462, email: edyoder@comcast.net

HISTORIAN: Gary Harrison, KØBC

PO Box 467, Bolivar, MO 65613-0467
Phone: 417-777-7777, email: k0bc@arrl.net

Past Presidents

John DiBlasi, W2FX (SK) 1947 - 1964

Earl R. Thomas, W2MM (SK) 1965 - 1968

Clarence Seid, W2KW (SK) 1969 - 1971

Barry Goldwater, K7UGA (SK) 1972 - 1973

Frank A. Gunther, W2ALS (SK) 1974 - 1977

Harry S. Gartsman, W6ATC 1978 - 1981

Stuart Meyer, W2GHK (SK) 1982 - 1985

Leland Smith, W5KL (SK) 1986 - 1989

Harry Dannals, W2HD 1989 - 1994

Lew McCoy, W1ICP (SK) 1994 - 1996

John Kelleher, W4ZC (SK) 1996 - 1998

Gary R. Harrison, KØBC 1998 - 2002

Croft Taylor, VE3CT 2002 - 2004

John B. Johnston, W3BE 2004 - 2008

Executive Secretary/General Manager

Ralph Barber, W2ZM (SK) 1955 - 1964

Gus Gironda, W2JE (SK) 1965 - 1973

Ethel Smith, K4LMB (SK) 1974 - 1976

Ted Heithecker, W5EJ (SK) 1976 - 1991

Jim Walsh, W7LVN (SK) 1991 - 2003

The QCWA Journal

The Quarter Century Wireless Association and QCWA JOURNAL in no way warrant the products described or reviewed herein.

The JOURNAL does not assume responsibility for unsolicited manuscripts.

Subscription to the JOURNAL for non-members in the U.S. is available for \$25 per year. Contact the business office for subscription information.

The JOURNAL is available free to blind paid-up members on audio cassette tape. For more information, contact Vic Culver, W4VIC, 1020 Lyndhurst, Virginia Beach, VA 23464.

From the President

Bob Roske, NØUF



Fall 2008

Thanks! to the outgoing members of the QCWA Board. Your service and dedication is very much appreciated.

Congratulations to the winners of the 2008 QCWA election. We were indeed fortunate to have so many good candidates volunteer to serve. The election results were on the website in early August and are published elsewhere in this issue of the Journal. For those of you that voted for me, thank you. I'll work hard to keep the trust you've placed in me. For those of you that voted for my opposition, thanks for voting, I'll work hard to earn your trust too. For those of you that didn't vote, how can you effect change if you don't get involved?

The new Board took office on September 1st and will be in place for 32 days when we hold the annual Board meeting on Thursday before the National Convention in Virginia Beach, VA. We've had much to organize and are about the business of running QCWA. Watch the Journal, website, and reflector for ways you can help move QCWA forward.

The operating period for the **QCWA Sixtieth Anniversary Operating Award** concluded on June 30st. Congratulations to the participants and award winners. I hope you forwarded your application by September 1st. A list of the award winners is posted at <http://www.qcwa.org/60-60-award.htm>.

The second half of the **52nd Annual QCWA QSO Party** is on September 20th. Look for the rules in the Journal or on the QCWA website at <http://www.qcwa.org/qso-party.htm>. Be sure to fill in all the columns of the log you submit and that it contains all the columns it should have.

Are you a Deputy? With two \$250.00 prizes yet to be awarded for the most new members recruited, I should think you would be. See the article in this Journal to find out how you can become a Deputy.

QCWA is scheduled to hold a QCWA Forum at the 2009 Dayton Hamvention. Details will be available early in the year.

While **Flying the Banner** one question I often hear is, "What can QCWA do for **ME**?" That's the wrong question. The right question is, "What can you do for Amateur Radio through QCWA?"

Well done, to members of Chapter 196 for their unique Field Day effort. Getting on the air is what Ham Radio is all about.

Finally, a special **Thanks** to all the Local Chapter Officers that strive to make their chapter a success. Without your efforts QCWA would be a very different organization than it is today.

73 de NØUF op Bob Roske

QCWA President

Remember the Past,

Look to the Future!

The Quarter Century Wireless Association

The Quarter Century Wireless Association, Inc. was founded December 5, 1947, as a non-commercial association of radio amateurs organized for the promotion of interest in Amateur Radio communication and experimentation, for the establishment and advancement of the radio art and of the public welfare.

QCWA is an incorporated association without capital stock chartered under the laws of the State of New York, and is a tax exempt 501(C)3 organization under the Internal Revenue Code of 1986.

Its affairs are governed by a President, Vice President, Secretary, Treasurer and a Board of Directors, whose voting members are elected every two years by the general membership.

In order to qualify for membership in QCWA one must have demonstrable proof of having been first licensed as an Amateur Radio operator at least 25 years prior to application for membership and must be currently licensed. Membership inquiries and general correspondence should be addressed to the business office at P.O. Box 3247, Framingham, MA 01705-3247 U.S.A. Telephone: 508-405-1930 FAX: 508-405-1965



Fame, Fortune and Ethics

by Robert R. Smith, KK3P

The essential instruments of mass communication — the telegraph, telephone and radio — were developed during a half-century by men who came to be regarded as the great men of their generations. Samuel Morse, Guglielmo Marconi and Alexander Graham Bell were in the pantheon which included Edison, the Wright brothers and, from an earlier generation, James Watt and Eli Whitney. Many of them were considered to have an almost god-like combination of creative talent, political savvy and business acumen. Edison, for instance, was known as "The Wizard of Menlo Park." They were emulated, praised and regarded as paragons of the American industrial revolution. That they were men who honored the highest standards of behavior was not questioned. Several recent publications have challenged this group portrait, however, pointing to the ethical shortcomings of some of them. This leads to the interesting question: is the greater good served if unethical behavior is instrumental in creating private fame, fortune through public corporations of enormous wealth and influence?

Let's begin with Alexander Graham Bell. He began his career as a teacher concerned with the deaf. One of the most benign and likable of the inventor/entrepreneurs, he developed kites of potentially commercial value, had a hand in early aviation and was a generous and warm host. If one attempted to model one's own life after one of these men, Bell would seem to be a good candidate for emulation.¹

Gardiner Hubbard, his partner in business matters and eventually his father-in-law, was possessed of shrewd political instincts, the ability to work with lawyers and credibility with the major bankers and investors of his day. The two were a unique combination of idealism and tough commercial pragmatism. In 1876 they made an application for a patent on a "talking telegraph." The decision was clouded because another inventor, Elisha Gray, had submitted a "caveat" to the Patent Office indicating that he intended to submit a full application. Bell won the patent and Gardiner Hubbard began litigation to force others in the telephone business to come to heel.

Elisha Gray had sold his rights to the invention of the telephone to Western Union who developed the invention aggressively. With telegraph poles and lines already in place for the telegraph, they grew rapidly. Bell sued Western Union. Their defense centered on the argument that Bell's lawyers had been allowed to view the patent "caveat" by Gray. Bell, they claimed, used this information to strengthen his patent application. According to them, the Bell patent was based on stolen information. The source of this story was a patent clerk named Zenos Wilber. Robert Bruce describes him as "probably liquored up or bribed or both."² Charlotte Gray goes so far as to claim Bell had "truth" on his side. In an out-of-court agreement Western Union acceded to the Bell interests and left the telephone business.

The agreement was viewed as a vindication of Bell's and Hubbard's claims. Bell went on to enjoy his public role as the father of the telephone and grew into the benign elder statesman for American science who has been celebrated in biographies and text books. Patent litigation continued, however, and eventually the Department of Justice sued Bell for interference with Gray's application. The suit never came to trial, but a cloud of suspicion was on the horizon throughout Bell's career.

Elisha Gray, described so harshly, wrote: "The history of the telephone will never be fully written. It is partly hidden away in 20 or 30 thousand pages of testimony and partly lying on the hearts and consciences of a few whose lips are Sealed—(sic) some in death and others by a golden clasp whose grip is even tighter."⁴

The matter did not end. In 2004 Seth Shulman "stumbled upon a trail of information" that led to the discovery that the Bell patent application used a drawing which appeared to be based upon Gray's caveat. Other incriminating documents appeared, including evidence that the crucial information concerning the telephone was written into Bell's journal after the fact and that the patent application was modified to include Gray's proposal after Bell had formally submitted it.⁵

Shulman follows in the long line of those who suspect that the Bell application used stolen information. Using the collection in the Science Museum in London, the archives of the Oberlin College library and numerous other documents, Shulman establishes clearly that Bell's blameless life was marred by one major exception: he stole the information upon which the telephone patent was based. One exception to a virtuous life might be easily forgiven, but the exception was the basis for his marriage, his fortune and his public reputation. It is not easy to overlook that it was based upon a theft.

(This article will be continued in the winter issue. Because of space constraints, footnotes will be included in the next installment).

GENERAL MANAGER'S Report

Chuck Walbridge, K1IGD



Fall 2008

ELECTION 2008: The election results are in and your new Board will officially assume their positions on September 1st, per the QCWA By-laws. Here are the results (those elected are in **bold** type):

PRESIDENT

Bob Roske, NOUF
Len Nathanson, W8RC
1037 votes
991 votes

VICE-PRESIDENT

Ken Oelke, VE3AFO, unopposed

SECRETARY

Walt Supina, N3WS, unopposed

TREASURER

Frank Harris, WA4PAM, unopposed

DIRECTORS:

Ed Yoder, W3YMB	1623 votes
Carolyn Harrison, WB0OUM	1610
Leroy Baldwin, W0OFY	1585
Val Erwin, W5PUT	1528
William Pasternak, WA6ITF	1482
R. S. "Tony" Hirsch, W8RSW	1444
Larry McCalvy, WA8JMO	1391
Joan Powell, VE3ZC	1349
Ken Simpson, W8EK	1233
Howard Cunningham, Jr., WD5DBC	927
Ernie Swenson, WB6VVA	917
Pierre Mainville, VA3PM	882

Congratulations to all those elected and a very sincere "Thank you" to those who consented to run this year but were not elected. All candidates were exceptionally qualified and we hope you will consider running in the 2010 election.

COMMON QUESTION...COMMON PROBLEM: "We can't find new members." "Nobody wants to run for office." "We can't find a program that everyone enjoys." These are typical comments received by Headquarters and by Board members who support booths at hamfests. Your officers and Headquarters staff has faced these questions in the past and, in one way or another, have found an answer. I recommend that you review chapter reports in the Journal to see what others are doing. Another source of encouragement are the articles in the QCWA column of WorldRadio magazine. Alan, KJ9N, has written some excellent articles on these subjects many times, presenting ideas and suggestions from various perspectives. Other QCWA members, who have written the column in years past, have recognized these needs. With support from the Chapter Relations Committee and the folks at WorldRadio magazine, selected past articles from the Columns will be reprinted. We hope they will provide some guidelines for your chapters. Copies of the articles will be available from Headquarters or as pdf files on a CD ROM, at no cost to the chapters. Please send your request to the business office address on page one of the Journal.

CLEANING OUT PAPERS: If any of you have started to clean up your shack you know, once you begin, it can be a lifetime job! Recently, I started going through some old papers and found Hotline Reports issued by Jim Walsh back in the '90s. It seems that Jim addressed the same issues that we face with reports and photos in this Century! When you place a title or file name on a text or photo file, it is very important to include your chapter number. There are times we need to get the magnifying glass out to check a badge callsign to identify the chapter. And please indicate the author and title of the person submitting the report. In the '90s, digital cameras were just coming into vogue. Jim expressed the concern about photo resolution, which is the same as now – send as big a file as you can! If you have a problem sending an email attachment, place the files on a CD and mail them to Headquarters. When you send a print, we will scan it to have a digital file for publication. Prints, from conventional film, are the best. Inkjet prints will give a "softer" look when printed in the final form. There is nothing we can do about that – it is inherent in the process. But printing, using the maximum dpi from your printer, will give the best results for the Journal.

2008 CONVENTION: Chapter 119 is hard at work with the final plans for the Convention in Virginia Beach. Please get your reservations in early, for both a hotel room and for the Convention. All forms and phone numbers are listed in the center spread of the Journal.

75-YEAR AWARDS: There were several 75-Year Awards presented after the last issue went to press. I would like to recognize the following for their years of ham activity:

Maxwell Burggraaf, WA7AIA
George W. Cook, W2RBK
Al Mazure, W9LOB

Congratulations to all of you!

The office staff hopes all of you have had a great summer. We look forward to seeing you this fall in Virginia Beach!

73, Chuck, K1IGD

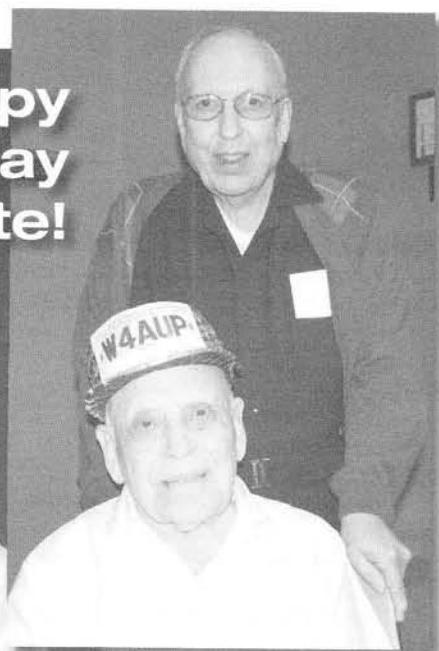
Reactivation of Chapter 69, Everglades Chapter –
Member Ed Kane, K4MAS, has expressed to Headquarters that he would like to see the Everglades Chapter reactivated and is willing to take the lead in that action. If you live in the area of Margate, Florida, or nearby, contact Ed. He can be reached by phone at: 954-560-4249 or drop him a note at: 7800 NW 18th St., Margate, FL 33063-2991. This Chapter was originally chartered in 1974.

Pete Sides, W4AUP, Celebrates 100th Birthday!

By Larry McCalvy, WA9JMO



Radio equipment restored by Pete.

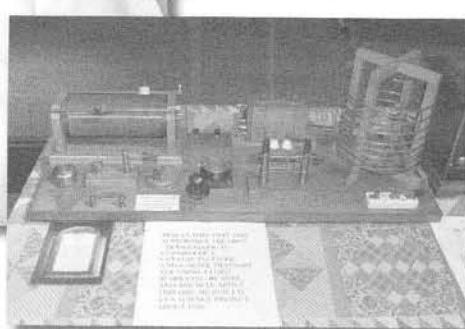


Pete and his 73-year-old son, Peter



The cake!

Pete Sides, W4AUP, at 100!



Pete built this transceiver around 1920.

I had the great pleasure of attending the centennial celebration of William P "Pete" Sides' birth on April 12th of this year in Montgomery, Alabama. About a hundred folks gathered in the auditorium of the Alabama Power Company in Montgomery, a company Pete had worked at for 41 years before retiring in 1976, to participate in the grand event.

Pete was licensed in 1930, holds the Amateur Call, W4AUP, and is very active on the Ham Bands. He checks into two QCWA nets (Chapters 49 and 41), a Power Company net, and holds numerous schedules with his many Ham friends. Pete is a QCWA Life Member (04030) and a member of Georgia Chapter 49. Pete has held several ARRL positions and is a 72-year Life member of the League. He is a Charter Member of the Birmingham and the Montgomery Amateur Radio Clubs; and has been very active on most of the Ham bands as his numerous certificates for DX, VHF and public service contacts can attest to.

Dave Cisco, W4AXL, Pete's friend and the celebration's Master-of-Ceremonies said: "*If I had to pick one thing that Pete has done, it would be that in his 78 years as a Ham he has contributed more to the hobby than any other person I know.*"

Pete was born on April 10, 1908; married to Mary for 60 years (she passed away in 1993), and currently still enjoys all the aspects Amateur Radio has to offer.

Pete, I and your world-wide Ham family, would like to wish you continued success in our great hobby and many more years of exciting QSOs. -73-

qcwa@mailman.qth.net

If you don't know this email id, you should. It's your way to contact other QCWA members around the world. This is the email id for the QCWA Reflector.

What is a reflector? A reflector is an email list that you can subscribe to. It allows you to send a message to everyone on the list without having them in your local address book.

You should sign up with the email id you will use to send messages. My email id is broske@hutchtel.net. If I subscribe with an alias (n0uf@arrl.net or n0uf@amsat.org) I'll receive incoming emails but may have difficulty sending as n0uf@arrl.net. My system will let me send that way but a good spam/AV filter at qth.net will reject it because it doesn't originate at arrl.net but at hutchtel.net. This is called email spoofing.

You can also choose to receive every message as it comes in, get a single daily message (digest mode) or not receive any emails but surf to <http://mailman.qth.net/pipermail/qcwa/> where you can read all traffic since January of 2002.

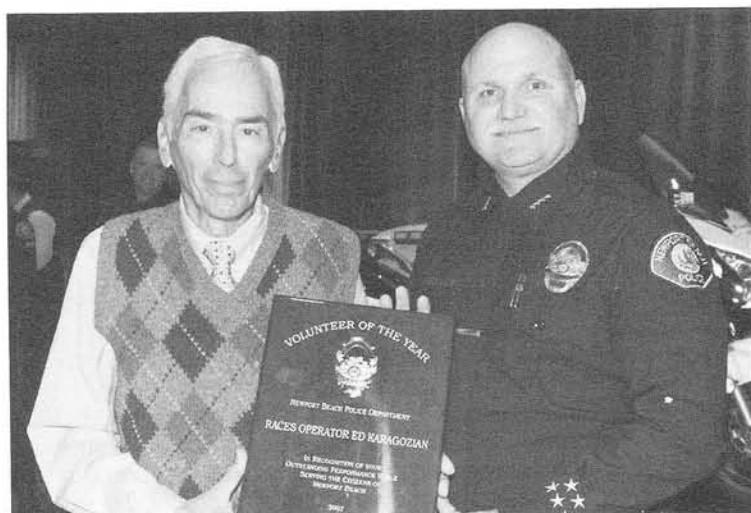
For more information go to the QCWA "Email Reflector" webpage at <http://www.qcwa.org/reflector.htm>. You can subscribe from there!

73,
Bob Roske, NØUF
Reflector Administrator

QCWA Life Member, Ed Karagozian, K6JGN Honored by Newport Beach, CA Police Department

The Newport Beach Chamber of Commerce held their 37th Annual Police Appreciation Awards breakfast March 20th. The Volunteer-of-the-Year Award was presented to RACES Operator Ed Karagozian, K6JGN!

Congratulations Ed!



(L) Ed Karagozian, K6JGN, being presented Volunteer-Of-The-Year by the Newport Beach Police Department's Chief of Police, John Klein.

Volunteer of the Year - RACES Operator Ed Karagozian.

Ed has been a member of the Radio Amateur Civil Emergency Service (RACES) since 1990. RACES was the first volunteer group formed at the Police Department. Ed has a personal commitment to emergency preparedness and has been the driving force behind the RACES Program. Ed's dedication to the Program has been credited with keeping RACES an active part of the organization.



LEO MEYERSON and "THE GOLDEN AGE OF AMATEUR RADIO."

Submitted by By Dick Clark, K6GLB

I was first licensed in 1954 while a junior in high school. I could ill afford radio equipment and my parents were reluctant to finance my hobby, so I was reduced to perusing the ham magazines of that era. In the advertising sections, there always appeared ads from World Radio Labs of Council Bluffs promoting their inexpensive radio transmitters. With each ad there appeared a picture of the store and the company owner, Leo Meyerson, W0GFQ. These ads turned up in so many journals, magazines and handbooks during those years that his picture and name were forever etched onto the minds of anyone following this pursuit. There was never a single personality, except possibly ARRL Founder Hiram Percy Maxim, that was so associated with ham radio.

Recently I was more than surprised to learn that there was a luncheon (QCWA154) to honor Leo and award him a certificate for 80 years as a licensed amateur. I was quite surprised because, being new to the club, I had no idea Leo was still with us. I attended the luncheon along with a myriad of other hams filling the restaurant. Leo earned his license when he was 17 and today is 97. He needs someone to steady him as he walks. When he speaks, he measures his words carefully and his sense of humor and story telling skills are well intact.

Dave Bell, W6AQ, licensed over 55 years, traveled from his home in Hollywood to emcee the occasion. Dave Bell is a former chairman of the ARRL's PR Committee, personal friend of Leo Meyerson and a frequent speaker at ham radio gatherings. Introducing Dave was Gene Pentecost, W4IMT, QCWA Chapter 154 President. Dave asked Leo for his most memorable moment in ham radio. Leo's response exemplifies his subtle sense of humor. Paraphrasing Leo's answer, "I had this acquaintance who was traveling to Mexico City ask me for a ham referral there. I gave him the name of a friend. A week later, I called my Mexican friend and asked him if he had been contacted by my acquaintance. 'Oh! Sure' was his response, 'Do you want me to cash anymore checks for him?' I told him, hell no! And asked how much he had cashed. I sent my Mexican friend \$650.00 to cover the bad checks."

Leo is such an interesting personality, especially to those of us in ham radio, that I wanted to know more about his 97 years. Leo was born in Omaha in 1911 and in 1919 his family moved to Council Bluffs, Iowa, just across the Missouri River east of Omaha.

Leo earned his amateur radio license W9GFQ in 1928 after a run in with the feds for unlicensed broadcasting on the AM bands for three months. When the zero call area came into being, he changed to W0GFQ. After college, Leo's father encouraged him to enter the family grocery business but after several years, Leo sought his independence and opened his first ham radio and electronics store naming it "Wholesale Radio Laboratories."

World War II curtailed the activities of ham radio forcing Leo to seek an alternative vocation. He found this by producing hundreds of thousands of quartz crystals for the military for which he received the coveted Army-Navy production "E" award for achievement in producing materials for the war. After the war, Leo restarted the ham radio business under the slightly new name of "World Radio Laboratories" (WRL).

This begins what I like to term, "the golden age of amateur radio." With the technology developed during the war, numerous companies began producing very fine ham radio equipment.

Leo joined "The Rise of the Boatanchors" by hiring engineers to design transmitters for the burgeoning market. Under the "Globe" brand, World Radio Laboratories sold numerous models the best known of which was the Globe Scout that sold over 50,000 units during its lifetime. In an interview I asked about receivers. Expressing regret, Leo responded that he could never find an engineer capable of designing a receiver that he was comfortable in marketing.

Asked about his successful marketing and advertising, Leo wanted to personalize his company. Each day he went in the shipping department to sign every invoice with "Thanks, 73s, Leo W0GFQ." One of his most successful advertising ventures was the production of his US map of ham regions of which he distributed over 750,000 copies.

Conversing with Leo Meyerson is an historic walk through this golden age. He speaks affectionately of friends such as Art Collins, Bill Halligan of Hallicrafters, Robert Drake, Faust Gonset, Lloyd Hammarlund, Bob Henry, Jim Millen and National Radio engineers Fred Drake and Glen Browning. He related conversations with Herb Johnson of Swan Electronics and Edgar F. Johnson of the Viking brand. Even though many of these men were competitors, to his credit, Leo never speaks negatively of anyone. Sometimes a smile or hesitation reveals an undeclared recollection but Leo just moves on to the next subject.

More than an icon to amateur radio, Leo Meyerson is an icon to American Citizenship. Leo capitalized on the freedoms we share as Americans to build businesses, create useful products and generate employment. It is the Leo Meyersons that make this such a great country.

QSO Party Results

52nd Annual QSO Party Results

Please note: The rules for the QSO Party can be found on the QCWA website at:
<http://www.qcwa.org/2007-qso-party-rules.htm>

QCWA April 2008 QSO Party - PHONE				QCWA April 2008 QSO Party - CW / DIGITAL			
Call	Name	Chapter	Tot. Score	Call	Name	Chapter	Tot. Score
KX8D	Duane	10	6510	W3CP	Jim	OR	6440
NR8U	Bob	212	3240	AB2N	Arnold	138	4368
W4CZ	Bill	182	2394	W8EK	Ken	62	4320
VE3DWH	Harold	73	1564	N5XG	Don	72	4290
VE3XK	Doug	70	792	W2KQ	Joe	138	4104
VE6AFO	Ken	151	738	VE30BU	Bert	73	3744
WA5TRX	Larry	109	570	AA5KV	John	85	3290
W2RM	Ray	5	522	K4ORD	Riley	202	2668
K2SST	Ronnie	76	480	W4YE	Buddy	202	2666
K4WYS	Sonny	119	361	K8VFR	Rose	10	2610
W3FYA	Doc	20	342	WB4DCM	Charles	126	2268
W3MGL	Larry	119	324	K3CKT	Jim	MD	1950
VE3HKG	Frances	70	272	N6SL	Ben	62	1920
AI4GR	Michael	76	180	W3TDF	Ray	17	1672
K1PU	Mark	149	110	VA3ZBB	Rod	70	1176
W3GQJ	John	217	88	W8KYD	Ron	1	1100
K4TWK	Tighe	SC	81	W6HG	Hugh	130	1056
WA0GRM	Len	110	45	W4ZPR	Jack	119	512
VE3ZC	Joan	70	42	KG4W	Ed	202	494
WQ6CWA	Chuck	213	30	W6HV	Troy	130	312
K9JIG	Denis	219	24	W300J	Mac	5	312
W4THN	Vernon	119	15	K4UK	Stan	202	198
W7UFM	Hollis	188	15	W6FU	Ken	7	162
WB9RG0	Lloyd	162	8	W4YOK	Tom	TX	128
WB5NMZ	Mark	AL	4	VE3GX	Ed	70	96
K7FP	Frank	WA	4	W2XYZ	Frank	138	50
VE1HU	Claude	NB	1	WA8MWA	Carolyn	120	40
Headquarters Station:				VA3RKM	Bob	70	16
W2MM	Vernon, W4THN		119 1040	W4AGI	Vic	202	2
				VE3ZBB	Betty	ON	2

Summary paragraph-Please include with log

QSO's	CONTACT POINTS
CW (Digital) _____ X 2	= _____
Phone Contacts _____ X 1	= _____
Total Contact Points	= _____ (A)
Multipliers	= _____ (B)
Total Score = (A x B)	= _____

Category: CW/Digital [] Phone [] Mixed []

QSO Party Results

QCWA April 2008 QSO Party - MIXED

Call	Name	Chapter	Tot. Score
VE3CT	Croft	70	22320
W8RC	Len	215	9408
VE3BNO	George	70	5760
N4ARO	Dick	182	3515
W2CVW	Ed	138	2904
K8DV	Dave	214	2470
W9NVK	Ed	162	1100
W9HR	Al	162	1029
W1WTG	Charlie	119	1026
VE4AHZ	Jack	70	425
K3QC	Tad	FL	375
KZ4G	Dave	214	154

Headquarters Station:

W2MM	Ron, W8RJL	119	38446
	Charlie, W1WTG		
	Sonny, K4WYS		
	Vic, W4VIC		
	Barry, K5VIP		
	Rue, KA4PLH		

Our Appreciation

Our Appreciation to: The Guys at Chapter 119. Not only are they putting on our 2008 QCWA Convention at Virginia Beach; they are also manning our HQ Station W2MM for this year's QSO Parties. Our thanks to Ron, W8RJL; Charlie, W1WTG; Sonny, K4WYS; Vic, W4VIC; Barry, K5VIP; Rue, KA4PLH and Vernon, W4THN. Also we can't forget Bob Buus, W2OD, who checks and scores the logs you send in. Bob has also been checking the applications for the 60-60 Certificate as well as holding down the Secretary's job for Chapter 138 and publishing Marconi Chapter's monthly bulletin.

Especially we appreciate the guys (and gals) who come on the air during the QSO parties, chat with the other operators and take the time to score their logs and send them in to be counted. Our QSO parties are not contests. They are friendly competitions where we take the time to say hello and wish the other guy good luck. And it gives us great pleasure to publish the names and calls of those who participate however modest their endeavors.

And special Kudos to the following Chapters who were able to get more than one of their members to participate: 119, 70, 138, 202, 20, 5, 10, 62, 73, 76, 126, 130.

Cheers
George Roach – Activities Manager
groach@storm.ca

Certificate Winners: QCWA Spring QSO Party - April 5/6, 2008

Call	Name	Location	Chapter	Rank	Category
W3CP	Jim Headrick	Stanfield, OR	Oregon	Highest Score	CW/Digital
AB2N	Arnold Peterson	Lincroft, NJ	Ch. 138	2nd Highest	CW/Digital
W8EK	Ken Simpson	Ocala, FL	Ch. 62	3rd Highest	CW/Digital
KX8D	Duane Durflinger	Hillman, MI	Ch. 10	Highest Score	Phone
NR8U	Bob Cashdollar	Newark, OH	Ch. 212	2nd Highest	Phone
W4CZ	Bill Price	Blountville, TN	Ch 182	3rd Highest	Phone
VE3CT	Croft Taylor	Kanata, ON	Ch. 70	Highest Score	Mixed
W8RC	Len Nathanson	Farmington, MI	Ch. 215	2nd Highest	Mixed
VE3BNO	George Roach	Ottawa, ON	Ch. 70	3rd Highest	Mixed
VE30BU	Bert Almemo	Scarborough, ON	Ch. 73	Highest Canadian	CW/Digital
VE3DWH	Harold Braun	Waterloo, ON	Ch.73	Highest Canadian	Phone

2008 QSO PARTY

Name: _____

Call:

Final Score:

Address:

Chapter #

Rules for the 52nd Annual Spring & Fall QCWA QSO Parties

All licensed Radio Amateurs worldwide are invited to participate in the QCWA QSO Parties. **Time/Dates:** The Spring QSO party commences on **April 5, 2008** and the Fall Party on **September 20, 2008**. They start at **1800 Z** and run for a **period of 24 Hours**. CW, Phone, and digital modes may be used.

Frequencies: The following 10 Bands may be used:

160: 1.800 - 2.000	20: 14.000 – 14.350	6: 50.000 – 54.000	UHF: Above 420 MHz.
80: 3.500 - 4.000	15: 21.000 – 21.450	144: 144.0 – 148.0	
40: 7.000 - 7.300.	10: 28.000 – 29.700	220: 220.0 – 224.0	

No contacts are permitted on the 10, 18 and 24 MHz. bands, nor are Crossband or Repeater Contacts allowed.

Suggested Starting Frequencies:

CW: 1.810: 3.540: 7.035: 14.040: 21.050: 28.050

Phone: 1.845: 3.810: 7.244: 14.262: 21.365: 28.325

Calling (CW or Phone): CQ QCWA

Information Exchange: Call / Year / Name / Chapter, State, Prov. or Country /. Fill all Columns on the Log Form. For the "year" column, indicate the last 2 digits of the year the contacted operator was first licensed. If that station does **not** belong to a QCWA chapter show only the State, Province or Country of its location. The latter would apply to Non QCWA members as well as to QCWA members not affiliated with a local chapter. **Do Not mention the term "At Large"(AL) as was done several years ago, as this can be confused with AL for Alabama.** For Band info, simply indicate one of the above 10 Bands in the "band" column. Digitally produced logs should supply the same information as is in the published log.

Categories: You may choose to work all modes (**MIXED**) or only (**PHONE**) or only (**CW/DIGITAL**). Certificates will be issued for each Category of "Cw/digital", "Phone", or "Mixed".

Scoring: Each Phone QSO is worth **one contact point**. Each CW QSO or a Digital Mode QSO such as RTTY, PSK31, MFSK etc. is worth **2 contact points** (show 2 points in the QSO "Pts" Column on the Log). Any station may be contacted once per mode per band. CW is considered a digital mode so a station contacted both on cw and a digital mode on the same band can only be scored once. Any station in your home QCWA chapter may be counted only once for a maximum of one QSO per station. **Regardless of band or mode a multiplier of only one point per contest is allowed** for each QCWA chapter worked and for each state, Province or Country reported from stations not belonging to a QCWA Chapter.

A Multiplier of 3 points will be given on each band for working our Special Events Station **W2MM**. It is hoped to have this station active throughout the two parties. Stations within 50 miles (80 Kms) of W2MM may work W2MM only once for a total multiplier of 3 points. Sample logs and a summary sheet may be requested from QCWA Headquarters with an SASE. The address is **PO Box 3247 Framingham, MA 01705-3247 USA**. They are also on the internet at www.qcwa.org. **(In 2008 W2MM will be in Virginia Beach, VA.)**

Awards: Certificates will be issued for the top 3 World Scores in each category. A certificate will also be issued for the top score in each category in each participating Country.

Send Logs to: W2OD, Robert Buus, 8 Donner Street, HOLMDEL N.J. 07733-2004, U.S.A. or as an e-mail attachment to: w2od@aol.com (within 30 days of contest)

Rules/logsheets/summary form are available at website www.qcwa.org/qso-party.htm



The Rules Say... Q&A

John B. Johnston, W3BE, 17701 Bowie Mill Road, Derwood, MD 20855-1608

Proper Procedure

Q. What is the proper procedure to allow a visiting General Class amateur to operate my station in the Extra Class band?

A. Your General Class operator visitor would have to visit an examination session and pass Element 4 in order to upgrade his or her operator license grant to Amateur Extra Class, as required by Section 97.503(c). Next you would designate your visitor as your station's control operator ("SCO") required by Section 97.103(b). See BE Informed No. 4 WHICH CALL SIGN. It discusses the options open to you, depending upon the amount of risk you are willing to assume for your visitor's actions.

Q. If some infraction of the rules does occur, who pays?

A. Section 97.103(a) says that the station licensee is responsible for the proper operation of the station in accordance with the FCC Rules. When the SCO is a different amateur operator than the station licensee, both persons are equally responsible for proper operation of the station. Section 97.103(b) says that the station licensee must designate the SCO. The FCC will presume that the station licensee is also the SCO, unless documentation to the contrary is in the station records.

Q. In the case of a club call, would the trustee who may not even be aware or at the scene be liable?

A. Yes. That's why it behooves the club station license trustee to use good judgment in designating each SCO.

Q. Because only the club call would be used, how could we figure out who was responsible?

A. Consult the ULS for the name and address of the club station license trustee; that's the person on the hook.

Q. Here's a question that stirred up a controversy on our net: Is a ham operating while jogging or backpacking considered operating "portable?"

Everyone on the Net answered "True." But according to the qrz.com Ham Trivia questions, it is False. They explain that, "According to the "FCC Rule Book," such an operator would be considered operating "mobile." I looked in

DISCLAIMER: Opinions expressed by the authors of articles contributed to the Journal do not represent the official position of the Officers or Directors of the Quarter Century Wireless Association, Inc.

Part 97 and couldn't find anything about this. HW?

A. The reason you couldn't find it in Part 97 is because it isn't in there.

W3BE-O-GRAM: Not being a FCC rule issue, the answer to your question is: "It depends upon who is doing such pointless considering!"

Our station identification requirements are codified in Section 97.119, absent any such designations. See BE Informed 14 ABOUT THAT STATION IDENTIFICATION. The "FCC Rule Book," incidentally, is not an FCC government publication.

Q. Whether you are portable or mobile is now trivia, not a rule issue. A commercial manual I had in the late 60's said the test was whether you could get underway without ceasing operation. Remember that in the old days when we operated mobile we had to file with the local FCC engineer in charge that we were operating mobile and also had to ID with our location?

W3BE-O-GRAM: Yep. We also had to send the EICs our trip itinerary with dates, to which I always made it a point to strictly adhere, forgoing alternatives that popped up along the way. Years later, I asked several of them what they did with those notices. "Threw them in a drawer," was the reply.

Q. There are several publications and websites claiming to provide the FCC rules, yet I have noted discrepancies amongst them. Who are we to believe?

A. Rely exclusively on the U.S. Code of Federal Regulations shown at HYPERLINK "<http://www.gpoaccess.gov/ecfr/>" www.gpoaccess.gov/ecfr/. Click on [Title 47], then on [Part 97].

Q. There are absolutely no additional operational and technical qualifications required to be the control operator of a station transmitting on 14.226 MHz over one transmitting on 14.224 MHz. Yet, a General must pass the test for Amateur Extra in order to justify that. How is that fair?

W3BE-O-GRAM: It must appear fair to the advocates of sub-band class-based incentives. Even after 40+ years of such phone-y bologna, they enjoy tinkering with re-chop-

ping up our HF bands periodically.

Success has a thousand fathers, but failure is an orphan. No one claims credit for fathering spectrum-based incentive licensing. Stemming from the false premise that hams only upgrade in order to gain additional frequency privileges, it stands out as a historic monument to the gaffe that it is. Far too many hams have told me they like their call signs and that the incentive frequencies are not worth the effort. Hams upgrade primarily to earn the respect of their peers. That class-indicating call sign helps.

Q. How does the Laurel ARC VEC manage to provide examination opportunities at no cost, while the other VECs charge as much as \$14 per examination?

A. Amazing, isn't it? The total expenditure for 2007 of \$100 was paid for by our Laurel Amateur Radio Club of Laurel, MD. Chairlady Diane Zimmerman, AA3OF, runs a tight no-nonsense, no-frills, all-volunteer team system.

For this, twenty-four teams located in 11 States (CA, DE, FL, MA, MD, MS, NY, OH, PA, VA and WV) administered 3,090 elements to 2,544 examinees at some 204 free sessions. Among the 14 FCC-accredited VECs, LARC-VEC ranks behind only behemoths ARRL/VEC and W5YI-VEC in examinees tested.

LARC-VEC was one of the original 35 VECs and has been a major force in the development and operation of the VEC system since its very beginning in 1983. During all this time, there has never been even a hint of dishonesty. The word, obviously, is out on the street that cheaters should by-pass our LARC-VEC.

BTW: Diane is also the Chair of the Foundation for Amateur Radio Scholarship program which administers the awarding of our QCWA scholarships.

Q. The LARC VEC certainly deserves recognition. It is amazing, as you say. Considering what "costs" others are being reimbursed for, one wonders, "what do they spend it on?"

W3BE-O-GRAM: Some VECs apparently spend it for paid employees to do that which the LARC-VEC relies upon strictly uncompensated and un-reimbursed volunteer examiners to do. The LARC-VEC most probably is the stabilizing force that holds in check the fees charged by the other VECs.

Section 97.527 authorizes VEs and VECs to be reimbursed by examinees for out-of-pocket expenses incurred in preparing, processing, administering, or coordinating an examination for an amateur operator license. Wow! There is an invitation to build an empire. If it weren't for the LARC-VEC, we might see the examinations being administered in five-star hotels with the VEs arriving in chauffeured stretch limos and an examination costing each examinee hundreds of dollars.

BTW: VEs coordinated by the LARC-VEC do not administer any defective questions contained in the VECs' question pools.

Q. Although technology and regulations do change, there is really no convincing reason that solid well-written questions on basic concepts need to be constantly morphing. How does it make sense to change the pools just "because it is time?"

W3BE-O-GRAM: Such would make perfect sense were you in the training materials business and your marketing plan was to influence the pool preparation such that your products were made obsolete frequently to a preset schedule. To preclude that possibility was the very reason for my BE Informed No. 10 SUGGESTED DRAFT CHARTER SENT BY W3BE TO ALL VECS July 2, 2006. It is designed to remove from the management and policy side of the VECs' question pool preparation every person having a conflict of interest.

It seems, frankly, the VECs underplay their fundamental responsibility to our radio service and to the VEs whose efforts in administering and preparing the examinations they exist to coordinate. They seem to have chosen to acquiesce to the publishers, distributors and others who benefit monetarily from frequent revamping and making the pools obsolete. They establish and hold to their publication-friendly pool revision cycle although it unnecessarily disrupts the examinees, instructors and VEs.

It was my 1983 assignment to assemble some 2,000 questions into the first sets of question pools. Three years later, they were turned over to the VECs for maintenance, per Section 97.523. The VECs haven't been very open with us; their solicitation of questions for their pools from our VEs has been exceptionally half-hearted. They have barely tapped the vast resource of experts within our community.

While I was a member of the VECs' committee (1999-2003), surprisingly, the pool preparation process was very, very secretive. I came under fire continuously for seeking input from experienced instructors and independent experts on the various topics.

Q. I've been teaching all levels of ham licensing classes and I've noticed some of the inconsistencies you point out. I hate to teach something that is confusing or wrong, so I find it necessary to point out to the students that "this is the question you might get, and this is the answer as given, but..." HW?

A. An example of that is G1B12: Who or what determines "good engineering and good amateur practice" that apply to operation of an amateur station in all respects not covered by the Part 97 rules?

- A. The FCC
- B. The Control Operator
- C. The IEEE
- D. The ITU

The VECs' answer "A" is not at all supported by their citation, Section 97.101(a). It says: "In all respects not specifically covered by FCC Rules each amateur station must be operated in accordance with good engineering

and good amateur practice." It looks like an attempt to pass the buck to the FCC rather than to seize the opportunity to address the issue head on.

Q. The way I teach G1B12 is, "In a dispute over what constitutes good engineering and practice, the FCC may choose to be the final arbiter." However, that is not really what the VECs' answer says. The implication of their broad and simplistic answer is that the FCC does actually set design standards and operating practices. Want to bet that no one has told the FCC about what they want us to teach our students as to what to expect from it?

A. Nope.

W3BE-O-GRAM: Our amateur service community wouldn't appreciate such high-handed intervention into our hobby.

Q. All this dumbing down is killing our American way of life. No one expects to work for anything anymore, just start at the top and expect the rewards. Why does the FCC make every ham license like a no class crackerjack prize?

W3BE-O-GRAM: The only thing that we can blame upon the FCC is for giving us exactly that for which we asked. The legitimacy of our hobby is now in the hands of our amateur service community. That defective-question riddled Element 2 drive-through quickie examination, regrettably, makes a mockery of our qualification system. It belittles our instructors, our VEs and our truly qualified hams.

George Stirling, Prose Walker, Charlie Ellert and the FCC's WWII Radio Intelligence Division are discussed on the excellent site, History of the Original W3DF at

<http://users.erols.com/danflan/sterling/dfhistory.html>. Walt Maxwell was also part of the original 1942 FCC Radio Intelligence Division contingent stationed to Hawaii.

Past QCWA President Stuart Meyer (1982-1985) always proudly proclaimed his call sign to be, "W2GHK FOREVER!" And so it is. At the Raleigh Hamfest, I was delighted to meet up with Stu's lovely daughter and current W2GHK, Sue (Meyer) Parks.



Sue Meyer Parks, W2GHK; and John B. Johnston, W3BE.

Read the rules - Heed the rules at <http://www.gpoaccess.gov/ecfr/>. Click on [Title 47] then [Part 97]. Also visit <http://wireless.fcc.gov/> and click on [amateur] or [ULS]. Enforcement reports are at <http://www.fcc.gov/eb/AmateurActions/welcome.html>.

Have a question about the amateur service rules? Visit <http://w3be.home.att.net/>; or e-mail john@johnston.net.

QCWA Belt Buckle!

Available in two finishes:
Brass/Gold or Pewter/Silver



Buckle size is 3 1/2" x 2 1/2"

QCWA Belt Buckle ORDER FORM

Name: _____ Call: _____

Address: _____ Zip: _____

City: _____ State: _____

QCWA Chapter # _____ National Member # _____

Phone _____ Email: _____

Quantity Brass/Gold? _____ Quantity Pewter/Silver? _____

Each buckle is \$24.95 (US) plus \$4.00 (US) Shipping and Handling

Mail your order to: QCWA, P.O. Box 1641, Pottsboro, TX 75076

Phone: (903) 786-4064 • email: QCWA@texoma.net

Allow 4 weeks for delivery via USPS

CHAPTER reports

Please send the reports to: Chuck Walbridge, General Manager, to arrive **NO LATER** than the following dates: January 1 for Spring, April 1 for Summer, July 1 for Fall and October 1 for Winter. Reports received later than the deadline may **not** be published in the Journal! See below for Chapter Report submittal requirements!

Chapter 1, Cleveland (OH)

How can QCWA members squeeze better mileage out of today's high-priced gas? July guest speaker John Porter, a Master Technician and founder of Stoney Creek Automotive, told us 23 ways to do that.

His smart driving techniques included accelerating slowly from a stop, avoiding long idle times, emptying your trunk and interior of extra items, and using 89 octane fuels for higher mileage.

Service tips included maintaining a clean air filter and throttle body; having a well-lubricated engine and transmission; keeping correct tire inflation for low rolling resistance; reducing drag by proper tire alignment; and keeping proper spark plug and injector function for best fuel efficiency.

We are saddened to report the passing of Chapter One members Andrew Doles, W8UDG, on June 10, 2008; and George "Bud" Hager, K8SQC, on April 15, 2008.

D.E. "Dee" Logan, W1HEO

Chapter 6, Pittsburgh (PA)

Chapter 6 held its quarterly meeting on June 14 at Rocky's II in McKees Rocks, PA. Special guests, Walt Supina, N3WS, and his wife attended the meeting after traveling all the way from their home in State College, PA. Walt addressed the membership with some thoughts and words on what other chapters are doing within QCWA, and we were pleased to have him join us.

The Chapter also received an acknowledgement for its donation to the QCWA Scholarship Fund in the name of Silent Key member Bill Fritz, W3LHN. Bill was a long time member of the Chapter, and a regular on the Sunday

morning net. Sleep well, OM.

Finally, a short briefing was presented on the beginning of the long-awaited Solar Cycle 24, along with the use of solar flux values, and the A and K indices as tools in evaluating band conditions. Hopes are that Cycle 24 will be an improvement over the last few cycles, and, perhaps rival Cycle 19 during the late 1950s.

Chapter 6 meets on a quarterly basis, and our next meeting is tentatively scheduled for the second Saturday in September. Interested amateurs can get details by contacting Brian Roberts, K9VKY, directly, or by checking into the Sunday morning net. That net meets at 0830 prevailing time on 147.03 and is hosted by Bruce Murray, N3GHI. All are welcome.

Brian Roberts, K9VKY, Chapter Scribe

Chapter 8, Upper Midwest (MN)

The following were elected at our May meeting: President, Jack Olson, KGØSF; Vice President, Dick Philstrom, WØTLE; Secretary, Bob Roske, NØUF; Treasurer, Tom Steele, AAØHQ; and Directors: Paul Beckmann, WAØRSE; Harold Clough, KØGTT; John Fox, WØLER, and



Chapter 8 Officers: WØLER, NØUF, KGØSH, WØTLE, AAØHQ, WBØYTX and KOGTT.

ATTENTION! QCWA Chapter Report Guidelines: All Chapter reports will need to follow these limits set by the Publications Standing Committee: **500 words and two photos maximum.** When taking photos, group together those receiving awards rather than individual photos. Those can always be posted on a Chapter webpage. When a Chapter report is submitted, please include the Chapter number in the title and the subject line of your email and with any photos submitted. **Don't forget to send us photo CAPTIONS!!!** Preferred formats for the reports are: Word (.doc), rtf or plain text. Photos should be a **minimum** of 4 inches wide, grayscale format and at 200dpi. Larger is fine as they can be scaled down. .JPG or .TIF format is best.



Receiving Gold Member Certificates are from left to right: KGØSF, WØLER, AAØHQ, KØGTT, and NØGI.

Margaret Jordan, WBØYTX.

Receiving Gold Certificates which totaled 710 years on the air were: WØTIV, James Stodolka; and WØUEI, Charles Peterson, for 70 Years; NØGI, Jack Steinmetz; and WØJBX, Don Johnson, for 65 Years; AAØHQ, Tom Steele; and WØAUS, Bob Wesslund, for 60 Years; W8OSM, Fred Bardwell, WØLER, John Fox, KTØT, Bob Schwartz and WØPQM, Curt Sorensen for 55 Years; and KGØSF, John Olson and KØGTT, Harold Clough for 50 Years.

Remaining meeting dates for 2008 are: September 20th, November 15th and our Holiday party on December 13th. Dates thus far for 2009 are January 17th, March 21st and May 23rd.

Our nets meet Saturday morning on 3.909 Mhz at 0800 central time. Baldy, WØOFY, is our NCS. Then at 0900 central time Jack, NØGI, is NCS on 145.450 Mhz. This repeater is connected to Echolink (89680) with no PL tone, please join us.

Bob Roske, NØUF, Secretary

Chapter 10, Michigan (MI)

Michigan Chapter 10 held their Annual Meeting on May 3, 2008, at Cadillac, MI, in conjunction with the Wexaukee Amateur Radio Club swap and shop. Thanks to the Wexaukee Club for providing QCWA a table at this event at no charge.

Our Annual Meeting, held at the Waterfront Restaurant in Cadillac, MI, was attended by 41 members and guests. Following the luncheon, Mike Hall, WB8ICN, called the meeting to order. Election of officers was held and found Mel Moore, NM8L, from Grayling, MI as our new President, and Lowell Corbin, W8IQB, from Tustin, MI, as

our new Vice President, both for a two-year term, and Jim Bishop, W8JFB, was re-elected to a three-year term as Secretary/Treasurer.

Our guest speaker, Larry McCalvy, WA9JMO, QCWA Director from Racine, WI, gave a brief presentation about QCWA, and assisted with the presentation of 18 QCWA Service Awards for 2008. The 12 Award recipients were: Both "50th Anniversary Of Licensing Award" & " 50 Years Of Continuous Licensing Award" were presented to: Gordon K. Bean, K8MRS, St. Charles, MI; David M. Clark, W8DO, Kalamazoo, MI; Myriam R. Gregg, K8ILN, Ionia, MI; Richard S. Larsen, K8MW, Lake, MI; Edwin J. Robinson, K8MDV, Clinton Township, MI. QCWA "50th Anniversary Of Licensing Award" presented to: John C. Kroll, K8LJG, Flint, MI; and James W. Dow, N8KSL, Rochester, MI. QCWA "55th Anniversary Of Licensing Award" presented to: David W. Franklin, W8GAR, Saline, MI; Arnold J. Newman, W8KZB, Zeeland, MI; George L. Rouman, W8OWN, Big Rapids, MI; and James W. Dow, N8KSL, Rochester, MI. "QCWA Century Club Award" presented to Albert E. Harbour, NW8M, Saint Clair, MI; and John Jan Jellema, K1ND, Ypsilanti, MI. Our sincere congratulations to all of these Award recipients for their many years of dedication to amateur radio and to the QCWA.

We would like to extend a sincere welcome to these new members of QCWA & Chapter 10, and hope that you enjoy many years of good fellowship: James W. Dow, N8KSL, from Rochester, MI; Paul D. Zadonia, WD8CJN, from Pinconning, MI; and James J. Delongchamp, WB8IEH, from Ishpeming, MI.

It is with deepest regrets that we must report the Silent Key status of long-time devoted QCWA & Chapter 10 member, Alex, "Polly", Polityka, W8FLA, from Allegan, MI, & Fort Pierce, FL. Polly was first licensed in 1931, and joined QCWA with the membership number of #04270. Active on many nets and in many organizations, Polly was 95 years of age and a QCWA Honorary Life Member.

Because we do not know the winners of the QCWA election at the time this article is being written, we would like to extend our congratulations to those individuals that are successful in their bid for the various offices in our recent QCWA election, and we thank all those individuals that were willing to run for those offices. We had an outstanding slate of candidates in this election. We look forward to supporting all of you as we move forward with the QCWA mission.

As summer winds down, we would like to wish everyone the very best of Holiday Greetings as the Thanksgiving and Christmas Seasons come upon us. Let us not forget Veteran's Day, and all those that gave so much for this great Country of ours.

CHAPTER reports

EDITOR'S NOTE: All photos from this article may be viewed on the Chapter 10 web page on the QCWA web site!

James F. Bishop, W8JFB, Secretary/Treasurer

Chapter 19, Missouri (MO)

At our March 2008 Chapter 19 luncheon, Jay Underdown WOPS, was presented his 50-Year Award. In the photo, Jay is on the left. Presenter is Chapter Chairman, Jim Glasscock, WOFF.

At our April 2008 Chapter 19 luncheon, Mel Whitten, KOPFX; Carlos Sheer, N5TN; and Charles Nagel, K0CW; were presented their 50-Year Awards.

Chapter 19 will once again host a Chapter picnic. The picnic will be on Saturday August 9th, at Kirkwood Park, in Kirkwood, Missouri. Looking forward to a great turn out.

The D-Star Repeater Systems that were funded and installed by two of our members, George, WB0IIS; and Roger, KOGOB; are functioning flawlessly. More and more



50-Year Award presentation: Mel, KOPFX; Carlos, N5TN; and Charles, K0CW. Presenter is Chapter Chairman, Jim Glasscock, WOFF, on far right.



(L) Jay Underdown, WOPS, was presented his 50-Year Award. Presenter is Chapter Chairman, Jim Glasscock, WOFF.

of our members are now using the D-Star System.

I recently purchased a new Ham Club Membership software package from Alpine Software. I can report that the program works great. So if any other chapters are looking for a great program to keep track of their membership, I highly recommend this program.

Our weekly Net Control station, Bill Bell, W9BEL, would like to invite QCWA members traveling through St. Louis to please check in. This net meets every Wednesday evening at 7:00 pm on two meters at 147.360 MHz.

John Germanos, WB9PNU, Secretary/Treasurer

Chapter 20, Chesapeake (MD)

Members of Chapter 20 attended the Greater Baltimore Hamboree and Computerfest on March 29-30, and flew our banner at a QCWA table. It was good to see old friends and meet QCWA members from other states.

Our President, John Johnston, W3BE, spoke to a local radio club, the Maryland Mobileers Amateur Radio Club, on the topic of FCC Rules (what else?). His presentation was well received and invoked many questions concerning who can legally "operate" your station, the limits on third party participation, etc. This was a very relevant topic since Field Day was approaching.

Russ Slye, N3GT, unofficially represented the Chapter at an ARRL luncheon in Washington DC, honoring two League officials, Paul Rinaldo and Walt Ireland, who were retiring. Russ, who is also retired, complained that he had to wear a tie for the occasion.

The Chapter has a new Club Callsign, KR3AB. Minus the numeral three, this callsign honors the Chesapeake Bay's most famous inhabitant, the blue crab (well, OK,



Chapter 20 QSL Card.

crab, but it's close). We also have a new Chapter 20 QSL card.

In June, the Chapter attended the open house of W3LPL, a world-class contesting station in Glenwood, MD.

In July, the Chapter had its summer picnic at the home of John Johnston, W3BE. As the picnic flyer indicated, there was neither Rugby nor Volleyball, but instead, spirited games of Bingo were played.

The Chapter meets every Monday at noon for lunch at Cactus Willies Steak Buffet in Glen Burnie, MD, just across Ritchie Highway (MD Rt 2) from the Empire Towers. We also have a weekly net on 146.76 MHz every Thursday starting at 2000 local time. All are welcome to check in. To receive our Chapter Newsletter, send an e-mail to ken-mckee@aol.com, or stop by our QCQA table at any hamfest.

Russ Slye, N3GT, Secretary

Chapter 41, Dallas (TX)

This was an extremely busy period for Dallas Chapter 41 of the QCWA. As usual, each year at this time, Chapter elections are held. Our Chapter President, Steve Brodie, K5ZY, refused to give up the keys to either the executive washroom or the Chapter corporate jet. Therefore, as Steve enters his forth term as President, a small contingent of Chapter 41 members are already planning a hostile takeover coup before next year's election!

QCWA Director, Val Erwin, W5PUT, and Steve Brodie, again set up the QCWA travelin' road show at this year's Dallas HamCom hamfest, actually held in Plano, TX, just north of Dallas on June 13/14. Assisting Val and Steve at the QCWA table was Gene Chenette, N5YJ, of Chapter 41. Handling crowd control in the general QCWA table area was Joe Makeever, W5HS, a member of Austin

Chapter 67 and a lethal practitioner in the martial art of Taekwondo. Amazingly, when asked, members immediately paid past dues. The Chapter 41 belt buckle continues to be a popular item at the QCWA hamfest table.

Upon the advice of his financial advisor, Ken Wood, KS5R, a NASA employee in the Houston area, invested in gasoline in order to make the drive to the Dallas area to attend HamCom. While there, Director Erwin presented Ken with the prestigious QCWA 50TH Anniversary Award. The presentation was made in the midst of flashing cameras and members of the press while a brass band played John Phillip Sousa's "The Gallant Seventh" in the background. Ken was observed being pursued by the paparazzi as he made his escape from HamCom.

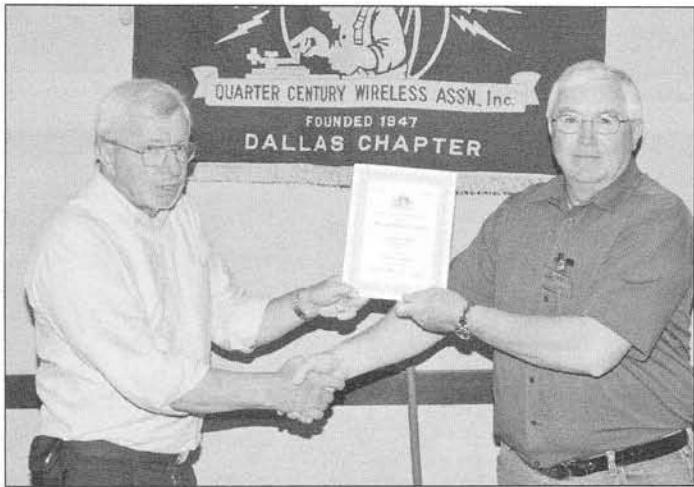
Next month, the QCWA travelin' road show again heads for yet another hamfest, Ham Holiday held on July 18/19 in Oklahoma City, OK, in order to support Skip Amis, N5CFM, President of Chapter 63.

Val, W5PUT, Director

Chapter 45, Citrus (FL)

Our Chapter continues to have good luck insofar as the health and welfare of our members and their families, and for that we are again grateful. Membership is still on the rise and we are looking forward to participating in the June Field Day; although the Chapter itself does not sponsor a Field Day, many of our QCWA members participate by joining other local clubs that they are also affiliated with.

Members and guests once again enjoyed an informal luncheon/dinner meeting at a local restaurant on Sunday, June 8. These quarterly meetings have become very popular with our Chapter and attendance has been good. Our present location is so good that we are continuing to use



L to R: Ken Wood, KS5R, receiving his 50th Anniversary Award at HamCom from Val Erwin, W5PUT.



Vice President Carl Zelich, AA4MI (left), presents President AL LaPeter, W2AS, with The Presidential Award. Congratulations, AL.

CHAPTER reports



Vice President, Carl Zelich, AA4MI (left), presents Roberta and Mort Cohen, WA2ARS, The Presidential Award. Congratulations, Mort and Roberta.

this facility. These quarterly meetings are held to allow working members to join us at least four times a year. This is in addition to our regular monthly meetings on the third Wednesday.

The Chapter owns and operates an open repeater, W4PLA, operating on 147.195 MHz (no tone). Scheduled net is at 1930 hours local time on Tuesday of each week. All hams in the area are invited to check in and anyone passing through at net time is particularly welcome.

In addition to our every-day routine, the Chapter has been busily tallying votes for the upcoming National election and we are so appreciative of having been asked to serve as tellers. Some of us are anxiously awaiting the 2008 and 2009 Convention and we hope to meet many of you at either or both Conventions.

AL LaPeter, W2AS, President

Chapter 46, Founders' (NY)

The QCWA Founders' Chapter 46 held a meeting at Mazzaferro Restaurant in Yonkers, New York, on Saturday, June 21, 2008.

This was a joint meeting with Chapter 181 and CONEX (Council of NorthEast Chapters of QCWA). The Chapter 46 member attendees were: NJ2J, Dick O'Brien; WA2UIJ, Lou Leonard; W2LAP, Gus Levy; W2NBT, Sy Yuter; W2IX, Frank Lauri; WA2KSK, and Howard Leopold.

A moment of silence took place in remembrance of recent Silent Keys.

Lunch was served. The food and service was very good. Special guest, Steve Mendelsohn, W2ML, gave an interesting presentation on radio frequency co-ordination

in the National Football League. Steve works for a major TV network and is a gameday frequency co-ordinator

W2IX provided the minutes for the last Chapter 46 meeting and the Treasurer's report.

A motion by W2IX was made to waive for one (1) year the local Chapter dues for Chapter 46. This was seconded by W2NBT and approved by the membership. This is to encourage growth in membership.

Chapter 46 held Officer elections and the following are the new Officers and Directors for Chapter 46: President, W2NBT, Sy Yuter; Secretary/Treasurer, W2IX, Frank Lauri; Director, WA2KSK, Howard Leopold; Director, W2LAP, Gus Levy; and Director, WA2UIJ, Lou Leonard.

Chapter members will be notified of the next meeting.

Frank Lauri, W2IX, Secretary/Treasurer

Chapter 48, Treasure Coast (FL)

We held our annual meeting at Denny's Restaurant in Vero Beach, FL. This was the first meeting for our newest member, Dwight Baker, W4UY, and his XYL, Helen. Welcome aboard, Dwight. Also in attendance were Joe Kolb, W4VL, and his XYL, Gladys, still a member of our Chapter



Joe Kolb, W4VL (L) with his XYL, Gladys (R).



Chapter 48, The Treasure Coast Chapter members at the annual meeting.

but no longer wintering in Vero Beach.

In an overwhelming vote the incumbent Officers were reelected. President, Joyce Anderson, K4EER; Vice President, Dick Kesler, K9BTU; and Secretary Treasurer, Woody Anderson, K4EBK. Seventeen members were in attendance. The financial report was presented and accepted. Future meetings and events were discussed. One item of discussion was starting a 10 meter net. Our new luncheon (if you call 10 am lunch time) is at Denny's Restaurant, on US 1 in Vero Beach; go in the front door and take a left.

Woody Anderson, K4EBK, Secretary/Treasurer

Chapter 58, Colorado (CO)

See The Wings Over The Rockies Air and Space Museum special article/report on pages 38 and 39!*

Chapter 70, National Capital Region (ON)

During the past six months, the membership of Chapter 70 has remained constant at approximately 80. We have had one Silent Key, Bob Knapp, VE3CDG.

In addition to our regular weekly breakfasts, two dinner meetings have been held, one in February and one in May.

Our speaker for the February evening was Bill Barrie, VE3AAS, who gave a fascinating personal account of the establishment of the first early warning radar stations in the Far North. Up to that time, Russian long-range bombers had over-flown the North without being detected. Bill was posted to one of the three prototype stations north of the Arctic circle for the future DEW line.

Guest speaker for the May dinner meeting was Brian



On behalf of Frederick William Marsh, VE3SB, who unfortunately was not able to attend, Ralph Cameron, VE3BBM (left), accepts a 75-Year plaque from Chapter 70 Director, Doug Leach, VE3XK (right).

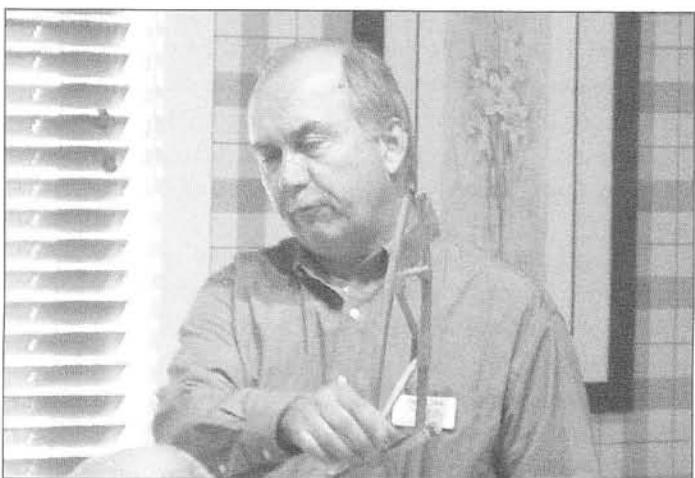
Jeffrey, VE3UU. Carrying on from the DEW Line development phase, presented in February by Bill Barrie, Brian described his experiences as a young radar technician during the operational phase of the Line a few years later. During his presentation he delighted the audience with a series of humorous vignettes describing his 36 months in the north between 1960 and 1963.

A second highlight of the May meeting was the presentation of a Seventy-Five Year plaque as well as several Century Certificates, Gold Certificates and Year pins.

Ken Dulofer, VE3DU, Secretary/Treasurer

Chapter 76, Blue Ridge (NC)

Chapter 76 has had a pretty active second quarter, both as a Chapter and in smaller groups. Here's the news. At our April Chapter meeting, we were visited by Steve Lyons, President of the Western Carolina Air Museum located here in Hendersonville at the burgeoning Hendersonville Airport. This Museum was founded almost two decades ago and now has an impressive collection of antiques, many in flyable condition. Steve discussed and



Steve Lyons, President, Western Carolina Air Museum.



(L) Wade Holloway and Rick Roper, accepting Chapter 76 coffee mugs!

CHAPTER reports

pointed out the many problems associated with aircraft restoration which many members of the Museum are actively engaged in. The Museum has been a great local attraction for tourists and kids of all ages and you can learn more at www.wncairmuseum.com.

In May, we obtained a free video from the Northern California DX Foundation (NCDXF) on the recent Scarborough Reef expedition. Several of us had worked the operation (gratefully) and it was very interesting to see something beyond the still photos we've seen up to now. This is a great program opportunity for any group of radio amateurs and is highly recommended (if you show it to "civilians", they'll be convinced we're all a bunch of nuts)! If you're interested in this video for your chapter or club, all you have to do is ask the NCDXF and they'll loan you a copy.

Finally, at the June meeting, we were shown the expansion being done at the Duke Power "Cliffside" power plant. This plant has generated a great deal of controversy since it is coal-fired and environmentalists seem to feel that any plant, regardless of the advanced technology being employed, using coal is bad. In fact, we were impressed at the technology being used, much of it from overseas, and the lengths that Duke Energy was going to (and expense) to protect the environment and be a good neighbor. The accompanying picture shows the plant manager, Rick Roper (R), and his facilities manager, Wade Holloway (L), accepting their "coveted" Chapter 76 coffee mugs, a small "thank you" we offer to all of our guest speakers.

Going back to February, recall that our speaker was Dr. Mike Castelaz from the Pisgah Astronomical Institute (PARI). At that time, Mike invited us up to PARI for a guided tour and in April, some 25 of us, members and friends, took him up on the offer. The full story on PARI and the tour will appear in an upcoming issue of the Journal. While we were at the site, we learned that the "Radio Jove" experiment was no longer functioning and in June, three of us went back to see if we could resurrect the installation. The original antenna system was two crossed log periodic antennas (circular polarization) which had become skewed by the wind, required new coax and some rotator repair. The antennas would have to be taken down for repair and would involve a crane or bucket truck. Funds are not something that PARI has a lot of, so we decided the KISS principle would be best (and least expensive) to get the project back on track. The experiment will be largely unattended so we're going with a pair of phased 20.1 MHz dipoles ... the same antenna set-up suggested by the international JOVE Project team. You'll read more on our progress in the months ahead. If you'd like more info on "Radio JOVE", just do a GOOGLE search (and I hope you do).



The 75th Anniversary of Licensing Award was presented to Chester "Bud" Ports, W5AJS.

That's it for the second quarter of 2008. Field Day is coming up and we've learned over the years that if you want rain ... and lots of it ... just set up a Field Day operation. Stay healthy! ...73

Duke Knief, W4DK

Chapter 85, Ark-La-Tex (LA)

Chapter 85 held its second quarterly meeting of 2008 on April 26. Because the meeting was in competition with the Monroe hamfest, the meeting was lightly attended.

Three Chapter members received longevity awards. The 75th Anniversary of Licensing Award was presented to Chester "Bud" Ports, W5AJS. Bud is legend in Northwest Louisiana as an amateur radio operator and as an acrobatic flight instructor. Once a commercial pilot, Bud is now retired and enjoys 20 meter CW, as well as an occasional 2 meter QSO. Bud also received an Honorary QCWA Life Membership. We hope to hear W5 "Aces", "Jacks" and "Spades" for many years to come. Congratulations Bud!!

In addition, Andy Lord, W5MFS received a 60th Anniversary of Licensing Award and Robert Aarstad, N6NKZ received a 50th Anniversary of Licensing Award. Congratulations to Andy and Robert!!

The Lunch Bunch continues to meet on Thursdays at Luby's Cafeteria in Bossier City. The group assembles about 11 AM. All are welcomed.

John Stewart, AA5KV

Chapter 89, Palmetto (SC)

It is with extreme sadness that I must report the passing of Forrest Ramsey, W4MPR. Forest was a Navy Veteran of WWII assigned as radioman aboard merchant marine vessels in the Atlantic that had naval gun crews assigned to them fighting German submarines. He made many crossings and had some interesting stories to tell.

An active ham, he was a regular on the Saturday morning QCWA phone net, Noon Lunch Bunch Net, S. C. SSB evening net and was NCS of our Sunday afternoon phone net. He was a real southern gentleman and will be missed.

The regular June meeting of Chapter 89 was held Saturday June 21st at Ryan's Steak House in Columbia. We had a sparse turnout this time but with gas hovering around \$4.00 a gallon I expect we are going to see more of our activities curtailed somewhat.

Door prizes were given, Don Zupon, W3MIF, won the QCWA golf shirt and Jenny Myers, WA4NGV, won the QCWA baseball cap.

Bryce Myers, K4LZF, gave an interesting report on events happening in the Charleston area repeaters concerning intentional interference on 2 meters. It had gotten to the point where it was necessary to involve the FCC. Riley Hollingsworth, K4ZDH, was contacted and the problem seems to have been corrected.

A note to you fellows concerning interesting stories you may have to tell. Write them down now. They don't have to be shining examples of the literary art. Jot things down as you remember them and if you are not inclined in that direction you can always get someone to help you with the composition, but do it now. We discussed this at a get-together after Forest's funeral. It's too bad that so many good stories are being lost with our members when we have so much to tell that others would appreciate.

Ralph Mott, N4RM

Chapter 91, Vic Clark (VA)

Since the stories and photo albums covering all of our Chapter's recent events are found on our website: <http://homepage.mac.com/rrucker/chapter91/> only a capsule summary of each recent event follows.

April: ARRL's General Counsel, Chris Imlay, W3KD, was our featured speaker at Neighbor's Restaurant in Vienna, VA. Chris told a few good stories about Vic Clark, W4KFC (SK), and then brought us up to date on the ARRL's petition for a court's review of the FCC's handling of the Broadband over Power Lines (BPL) issue.

Chris noted the continuing need for vigilance and prompt action to protect our ham bands. He illustrated by



John Evans, N3BHX; Mark Filipkowski, NA3D; and group.

recounting a recent interference problem that arose between some ham repeaters and some USAF radars that share the 70 cm band. The problem was finally resolved, but not without hard work and cooperation on both sides.

He noted that battles continue over where ham antennas can be built and how tall. He illustrated by discussing a legal challenge currently facing John Evans, N3BHX, over the impressive antenna arrays he designed and legally erected on four towers standing on his farm near Poolsville, MD. These were erected and put in operation in 2004, but his neighbor across the road has refused to accept their existence and apparently has money to burn on lawyers.

May: John Evans, N3BHX, kindly invited us up for a tour of his antenna farm and contesting station, and we gladly took him up on it. Since he had given us an illustrated talk in November 2007 on how he designed and built his system, we knew we had a treat in store. That's John front-&-center with his station renter, Mark Filipkowski NA3D, to his left in the black shirt, and most of our group.

Check out the two stories and two photo albums, one



Chris Imlay, W3KD, ARRL's General Counsel.

CHAPTER reports

set for November 2007 and another for May 2008, on our website.

June: The Cutchalls, Carol & Leila; and the Reisers, John & Pat, represented the Chapter on its tour of Ft. McHenry in Baltimore Harbor. Check out the great photos they took in the photo album that accompanies Leila's story of their tour on our website.

You may recall stories of the night bombardment of that fort by the British during the War of 1812. The sight of its flag still waving in the dawn's early light inspired Francis Scott Key to write the memorable words to the Star Spangled Banner, which is now our National Anthem.

According to the National Park Service's website, the tune was well known to Key as "To Anacreon in Heaven." It notes that "John Stafford Smith (1750-1836)... was most likely the person responsible for the tune as we know it today." Ironically, Smith "was also the composer of the British National Anthem 'God Save the Queen.'"

Dick Rucker, KM4ML

Chapter 107, Central Florida (FL)

At our April meeting, we presented a QCWA 70-Year Certificate to Ulis Tucker, W4YRK. Ulis has been a long time member of our Chapter and was first licensed as W9NLB in June 1938. He later held calls: W5LPM and W4YRK. He joined QCWA in March of 1972 as member number 7643. Ulis received a QCWA Century Club Award in 1998; Golden Certificate and 50-year Continuous Certificates in 1988; and a 65-Year Certificate in 2003. He also has received the ARRL 60-year plaque. Congratulations Ulis!

Jay Hitchcock, K8YGH, Secretary/Treasurer



Ulis Tucker, W4YRK (L), with his 70-Year Certificate presented by Walter Farley, K4QE (R).

Chapter 109, Baton Rouge (LA)

The Baton Rouge Chapter 109 held its annual planning meeting at James's Grill in Denham Springs on Saturday, January 12, 2008. Dates, times, and places for our quarterly meetings were established and our "Member of the Year" was elected. It was agreed that a nominating committee be formed to recommend members to serve as Chapter Officers, as it was noted that all Chapter Officers are up for election at the December meeting. Ways to increase membership and stimulate attendance at quarterly meetings were discussed.

Our first quarterly meeting of 2008 was held on March 15 at T.J.Ribs Restaurant in Baton Rouge. Approximately 20 members and guests attended. The highlight of this meeting was a presentation by Dave, WA5IMF, concerning his efforts at restoring vintage Collins radio gear. A discussion ensued about the flying wing logo as opposed to the "meatball". At the conclusion, WA5IMF was presented our "Member of the Year" Award for 2007 by President L.Wayne Gordon, K5DF.

Chapter 109 returned to Brunet's Cajun Restaurant in Baton Rouge for the second quarterly meeting of 2008 on May 10th. Approximately 12 members and guests attended. A presentation concerning R.L. Drake amateur equipment was delivered by our Vice President, W5XU. He did an excellent job detailing a concise history of the Drake company and brought some of his original gear that he has collected for illustration. This delighted the group as several pieces of David's collection were in pristine condition having never been used. A nominating committee consisting of W5XU, W5GG, and N5ADF was appointed by the Chapter President. N5CBB is probably still there eating crawfish.

"Doc" Mack, W5MD, Secretary/Treasurer



WA5IMF was presented our "Member of the Year" Award for 2007 by President, L. Wayne Gordon, K5DF.

Chapter 112, Yankee (MA)

Our Annual Meeting was held at the Chateau Restaurant on April 19, 2008. The meeting was opened with introductions. K1IGD, Chuck, spoke about our Silent Keys, W1EES, Harold Chase, and W2CVF, Ralph Hasslinger. Ralph was very generous in donations for the Scholarship Program. A moment of silence for our Silent Keys, W1EES, W2CVF, and W1HH.

QCWA will apply for club call W2CVF as a second club call. W2MM is the primary club call.

Janice, K4IJK, read the Secretary's report. Chuck, K1IGD, read the Treasurer's Report. Awards for the following members were presented: 50-Years: KORMH, Lloyd Henke; K1IXU, Colin Leath; K1JKR, Kenneth Atkins; W1RY, Ray Bintliff; 55-Years: W1GCA, Dave Rego; W1IZQ, Harold Hyman; W1ZFI, Bob Gildea; 60-Years: W1HL, James Fisk; W1RRP, Richard Brown; 75-Years: K2HA, Charles Cross.

Janice, K4IJK, Secretary

Chapter 119, Tidewater (VA)

By the time you are reading this report the July 4th holidays will be but a memory. Several events can now be noted as either the event, or the deadline has passed. Field Day was enthusiastically supported by several Chapter 119 members: President Ron, W8RJL, held forth with the Virginia Beach Amateur Radio Club and Virginia DX Century Club combined 5A operation as Team Leader of one of the CW stations and Bill Verbeley, W4WV, was Captain of the (high speed) SSB station. Garry, WB4DNL; and Jim, W4PRO, were Co-Captains of the High Speed CW station. Other Chapter 119 members participating in the VBARC/VADXCC group were Judy, W4JJY; Vice-President, Al, WA4TCJ; Lew, W4BLO; and George, WA4GDB. Chapter 119 members joining the Chesapeake Amateur Radio Service operation included Barry, K5VIP; Sonny, K4WYS; Rich, WA4BUE; Jim, WB4UVH; and Bill, WF4R. Scores have not been reported as yet but it was reported that the fun quota was fully met! If any Chapter 119 members have been missed in this accounting, the omission is regretted. Certainly it can be said that QCWA Chapter 119 provided strong support for the Field Day activities.

Congratulations are happily extended to Sonny, K4WYS; Barry, K5VIP; and Harvey, KA4SSH, for successfully completing the QCWA Sixty-Sixty Award. Several other Chapter 119 members were in the hunt but came up a little short as the deadline for making QSOs passed. This was a true challenge in this period of poor propaga-

tion and the reluctance of so many QCWA members to actually get on the air. The QCWA Chapters-On-The-Air listings proved to be of some value in finding Chapter nets where QSOs could be made, and our own Chapter 119 HF and VHF nets proved valuable as well. If we could have arranged for each of the sixty Chapter 119 members to get on the air (and we did try) then everyone could have earned this coveted certificate. Thanks to those members from more distant locations who came looking for the Chapter 119 nets, particularly our very good friends at Chapter 91, Vic Clark (VA), and from Chapter 76, Blue Ridge (NC).

Chapter 119 members are very proud of the fine work done by HQ staff (mostly GM, Chuck, K1IDG; his trusty side-kick, Jan; and Editor, Doug) for the work they did in producing the very beautiful Convention cover for the Summer (albeit labeled Spring) 2008 Journal. With strong support from QCWA National President John, W3BE, QCWA Webmaster Bob, NOUF, and several QCWA Directors, etc. the Convention planning group is confident that all the hard work will pay off with a good turnout for the 2008 QCWA International Convention running from October 3rd to October 5th. We hope that you are able to join us for this event. 73, Vic.

Vic Culver, W4VIC Secretary/Treasurer

Chapter 120, QCWW

The warm sunny weather I talked about in our last article did arrive. However, it brought flooding and the largest "crop" of mosquitoes I have ever seen in Wisconsin. The old adage certainly holds true here – Be careful for what you wish for, you may just get it. Now every time I open the outside door, some seem to sneak in; and they find me in the middle of the night. Not nice!

Speaking of nice, our QCWA Convention will be held on the waterfront in beautiful Virginia Beach, VA. Vic Culver, W4VIC, and the Tidewater Chapter 119 folks, have planned a grand gala event for us to enjoy. Our annual meeting and election of Officers will take place on Friday, October 3rd (I believe). All four Officer positions are available and we are looking for candidates willing to serve. There is not much work, a few emails, and a lot of procrastination – or there was in my position. But you will get to work with some very nice folks. This is the first Convention in five years that has not been way up north. We will be meeting in the friendly warm state of Virginia, where all things are wonderful.

Please try to join us; I know we are going to have a fantastic event.

Larry McCalvy, WA9JMO, Treasurer

Chapter 126, Piedmont (NC)

The Piedmont Chapter 126 held its regular meeting on Saturday, June 7, 2008 at the Classic Restaurant in Denton, NC. There were 16 members and guests present. The following Board members were present: Chuck, K4HF; Wes, WJ4DX; Wayne, W4HG; Jack, W4TJE; and Charles, WB4DCM. Issues discussed by the Board were:

VP, Jack, W4TJE: The date of Sept. 6 at McCall's in Clayton is set. Try to find program speakers near our meetings to reduce travel. Mac, WQ8U, has a program available. Wes, WJ4DX, advised that he might be able to get a program.

Secretary/Treasurer, Charles, WB4DCM: Presented a treasurers report for the period 1-23-08 to 6-7-08. Dues and Expenses tracking procedures were reviewed.

President, Chuck, K4HF: Suggested that we make the donations to ARRL Diamond Club Fund; to ARRL Spectrum Defense Fund, and to the QCWA National Scholarship Fund in memory of our Chapter's Silent Keys. He then suggested that we procure a video projector for Chapter use.



Chuck Bridges, W4WXZ (L), receives 55-Year Award from President, Chuck Littlewood, K4HF.



Chuck Littlewood, K4HF (L) presenting Weldon Fields, W4AJT with Birthday Congratulations!

He will bring these items to the general membership. We then had a discussion about meeting places.

Following blessing, lunch and introductions, President, Chuck, K4HF, announced that we have a celebrity. Our group was having a birthday on Sunday, June 8. Weldon Fields, W4AJT was 94! VP, Jack, W4TJE, then advised everyone of a fund raiser that his church was holding to raise money for a family whose 10-year-old daughter had a brain tumor. The family needs all the help the community can give. If interested in helping, go to www.rkbaptistchurch.com, and click on the link to Emily Beamer.

Ray, K2HYD, won the door prize of an RSGB manual on antennas. The 50/50 drawing was won by Weldon, W4AJT. President, Chuck, K4HF, read the names and calls of the new Chapter 126 members. They included KB4EXL, K4IWW, KI4OTO, N4TL, and W4CHX. All have been sent Chapter 126 membership certificates. Secretary/Treasurer, Charlie, WB4DCM gave a brief Treasurer's report and the net report from NCS, George W4DGJ.

President, Chuck, K4HF, then presented Chuck Bridges, W4WXZ, with an award for 55 Years as a licensed amateur radio operator. President, Chuck, received his award for 50 years as a licensed amateur radio operator from Wes, WJ4DX. It was announced that the National QCWA is holding its Annual Meeting in Virginia Beach on October 3, 4 and 5, 2008. All were encouraged to attend.

Proposed expense items including donations to the ARRL Diamond Fund, ARRL Spectrum Defense Fund, QCWA National Scholarship Fund in memory of our Silent Keys and for a video projector were approved unanimously.

After some technical delays and many smart comments, the program was the FCC Forum at the 2007 FCC Forum at the Dayton Hamvention by Riley Hollingsworth, courtesy of ARVN. He discussed, in a jovial way, several observations and recommendations pertinent to the amateur community. The next meeting will be on the weekend following Labor Day, September 6, 2008 at McCall's BBQ and Seafood Restaurant in Clayton, NC.

Meeting was adjourned at 1:42 PM.

Chuck Littlewood, K4HF, President

Chapter 134, Pine Tree (ME)

Pine Tree Chapter 134 kicked off the summer season with its meeting at the Happy China Buffet, Bangor, Maine, June 7, 2008. Prior to the meeting, many Chapter members participated in the Hermon hamfest. President, Bruce Randall, W1ZE; and Secretary/Treasurer, Steve Kercel, AA4AK, proudly displayed the Chapter banner from Bruce's tailgating slot at the hamfest.



Standing: Bruce Randall, W1ZE, (Pres, Pine Tree Chapter 134, ME); Phil Young, W1JTH; Seated: Jerry Burns, K1GUP, (VP, Pine Tree Chapter 134, ME); Dot Young, W1TGY.

The meeting was opened at 1:38 PM by President, Bruce Randall, W1ZE. Introductions were made. There were 15 members and guests present. New member, Paul Cecil, KA5FPT, was welcomed. The Secretary's report for the April 2008 meeting was accepted as printed in the newsletter. The Treasurer's report for the period April 1 to June 1, 2008, was read and accepted. A letter from the National QCWA acknowledging our donation to the FAR Scholarship was read to the membership.

Members were reminded that they have until the end of August to make 10 Maine contacts for the Maine shipbuilding certificate being sponsored by the Chapter. For details contact AA4AK. The Chapter has issued certificates to hams all over the country. It was featured in the Awards column in the December 2007 issue of CQ magazine.

The membership was reminded that we are still in urgent need of a permanent newsletter editor.

Jerry Burns, K1GUP, is reaching his 50th anniversary in ham radio. This will be formally recognized at the next meeting.

Charlie Chapman, W1WTG, of Virginia Beach, VA, presented information on the 2008 National Convention which will be hosted by the Tidewater (VA) Chapter in Virginia Beach October 3-5, 2008. Charlie is a member of the Pine Tree Chapter.

Under new business, the meeting place and date for the October 11th meeting was discussed. Phil Young, W1JTH, will make arrangements for a luncheon meeting place in the Augusta area. Time and place will be published in the

October 2008 newsletter.

President, Bruce Randall, W1ZE, will canvass the Maine ham radio clubs in search of new QCWA members.

Steve Kercel, AA4AK, Secretary

Chapter 138, Marconi (NJ)

Marconi Chapter 138 held its annual awards dinner in the restored dining room at the Marconi Hotel in Wall, NJ on Sunday, May 18, 2008. Service anniversary awards were presented to Don Gagne, W2LID (70 Years); Arnold Peterson, AB2N (70 Years); Dave Benton, W2WSE (70 Years); Don Lambrecht, W7MKH (60 Years), John Golembeski, K2EOB (55 Years); and Bob Buus, W2OD (55 Years). Diamond Jubilee Awards (50-Years Continuously Licensed and 75 years old) were presented to Joe Bailis, K2AJG; and Val Freist, W2EOI. Congratulations to all!

Many of the attendees toured the Museum in the Marconi Hotel and enjoyed the displays by the NJ Antique Radio Club, the Broadcaster's Hall of Fame, and our own QCWA Chapter (our room features the history and evolution of telephony). There were also many interesting displays of military radios and radar development from World War II.

The Marconi Hotel was built in 1913-14 by the Marconi Company and housed the Marconi radio operators for the Belmar Receiving Station and the New Brunswick Transmitting Station. The U.S. Military acquired the grounds and building just prior to World War II and converted the hotel into offices used for the development of RADAR and Electronic Countermeasures. The Hotel is now being restored by the Infoage Learning Center www.infoage.org and is open to the public on Sunday afternoons from 1 to 4 PM.

Bob Buus, W2OD, Secretary



President, Ron Olander, WA2HZT (left), presents the 70-year Anniversary Award to Arnold Peterson, AB2N (right).

(continued on page 30)

2008 QCWA INTERNATIONAL CONVENTION
October 3-5, 2008 • Virginia Beach, Virginia, USA
Hosted by Tidewater Chapter 119

Convention Hotel: The Cavalier, Oceanfront at 42nd Street, Virginia Beach, VA 23451

Single or double rooms are available for \$90.00 (+ taxes) per night. For reservations, contact the hotel directly at toll-free 1-800-446-8199 or 757-425-8555 (local) with the special reservation code QCWA 2008. Reservations must be made by 10 Sep 2008 to insure convention rate. Convention rates are available for 29 Sep thru 8 Oct, 2008.

Registration Form

Name: _____ Call: _____

Spouse: _____ Call: _____

Guest/Friend: _____ Call: _____

Youth (Under 18): _____ Call: _____

Address: _____

City: _____ State/Province: _____ Country: _____ Zip: _____

Telephone: _____ E-Mail: _____ Cell Phone: _____

Staying at Convention Hotel? Yes No Local Contact: _____

	Quantity	Cost	Total
Pre-Registration* (Before 1 Aug 08)			@ \$32.50 = _____
Registration (After 1 Aug 08)			@ \$37.50 = _____
Spouse Registration			@ \$10.00 = _____
Guest/Friend Registration			@ \$25.00 = _____
Youth Registration (Under 18)			@ \$5.00 = _____
2008 Convention Pin			@ \$6.00 = _____
Airport Transportation Service: \$22.00 one way/\$40.00 round trip per person			@ \$22/40 = _____
Friday Meet N Greet Reception			@ \$32.50 = _____
Saturday Banquet: Please indicate meal choice & number: _____ Beef _____ Seafood			@ \$45.00 = _____
Thursday Welcome To Virginia Beach Tour (Minimum: 15 registrations)			@ \$50.00 = _____
Friday Norfolk Tour (Minimum: 35 registrations) Lunch Incl.			@ \$70.00 = _____
Saturday Mariner's Museum and Va Air/Space Museum Tour (Min: 35 registrations) Lunch Incl.			@ \$75.00 = _____
Sunday Colonial Williamsburg and Jamestown Settlement Tour (Min: 35 registrations)			@ \$60.00 = _____
Tour GO/NO-GO Date: 1 Sep 2008. Tour registration fees refunded if tour is cancelled.			Total = _____

Please check web site www.qcwa-chapter119.org for full tour package information. *Early registration before 1 Aug 2008 entitles each early registrant to a ticket to win a 2 Meter handheld transceiver. Drawing at Meet N Greet Reception.

Make check or money order payable to "**QCWA 2008 Convention**" and send to: Mr. Barry Priddy, K5VIP, Convention Treasurer, 723 Peachtree Drive, Chesapeake, VA 23322

QCWA 2008 International Convention

October 3 - 5, 2008

Tour Package Information (Abbreviated)

Complete details at www.qcwa-chapter119.org

Norfolk International Airport Meet and Greet Service. Personal Meet and Greet service and airport transfers to and from the hotel can be arranged as an option for your convenience. You must provide your arrival/departure information and we will stage a staff person on site to meet and direct you. Your personalized information will be provided in advance of your arrival. Cost: \$22 one way/\$40 Round Trip per person.

• Thursday, October 2, 2008, 10:00am – 2:00pm

WELCOME TO VIRGINIA BEACH TOUR — B.O.D. Spouse Program (Open to all)

Enjoy beautiful views of the Atlantic Ocean and the Chesapeake Bay

See the historic lighthouses and the First Landing Cross at Cape Henry

See where the famous Battle of the Capes took place during the Revolutionary War

Tour NORFOLK BOTANICAL GARDEN – including one of the largest collections of azaleas and camellias

Enjoy a relaxing trackless train ride through the gardens and 115 acres of colorful landscapes

Enjoy lunch on your own in the café on site

Visit ROWENA'S, in Norfolk, famous for fresh baked pound cakes and unique jams, jellies and sauces

Tour package: \$50.00 per person. Minimum Registrations: 15

• Friday, October 3, 9:15am – 4:15pm

NORFOLK TOUR LUNCH INCLUDED.

Ride through the lovely historic district and restored areas

See the historic St. Paul's Church, built in 1739, lone survivor of the Bombardment of Norfolk in 1776

Tour NAUTICUS, THE NATIONAL MARITIME CENTER, including the Hampton Roads Naval Museum

Tour the BATTLESHIP WISCONSIN, BB-64, the famous Iowa class battleship berthed at Nauticus

Board the Victory Rover for a two hour Hampton Roads Harbor cruise where you will see aircraft carriers, nuclear submarines, guided missile cruisers and all the other ships in this busy harbor.

LUNCH PROVIDED ON BOARD VICTORY ROVER

Tour MACARTHUR MEMORIAL and view 25 minute film chronicalling General MacArthur's life

Visit MACARTHUR CENTER – indoor mall with over 150 specialty shops. Boutiques, and restaurants

Visit DOUMARS – home of the world's first ice cream cone. Ice cream cone treat included.

Tour package: \$70.00 per person. Minimum Registrations: 35

• Saturday, October 4, 9:00am – 4:00pm

MARINER'S MUSEUM/VIRGINIA AIR AND SPACE CENTER TOUR LUNCH INCLUDED.

Tour the Mariner's Museum — one of the largest maritime history museums in the world

See the fascinating USS Monitor Exhibit — Civil War ironclad ship

Lunch provided at the Mariner's Museum

Tour the VIRGINIA AIR AND SPACE CENTER — NASA Langley Research Center Visitor's Center

Includes admission to an exciting movie in the 300 seat IMAX Theater

Tour package: \$75.00 per person. Minimum Registrations: 35

• Sunday, October 5, 8:30am – 4:30pm

COLONIAL WILLIAMSBURG AND JAMESTOWN SETTLEMENT TOUR

History narration while enroute to Williamsburg, VA

Interpreter/Guide will conduct a 1.5 hour walking tour of Colonial Williamsburg.

Enjoy LUNCH ON YOUR OWN at one of the Colonial Taverns, or in Merchants Square.

Tour Jamestown Settlement. See an Indian village, a Jamestown fort as it was in 1607, and the three ships: Susan Constant, Godspeed, and Discovery that transported English colonists to Virginia.

Tour package: \$60.00 per person. Minimum Registrations: 35

Tour packages include: Motor coach transportation, tour guide services, admissions as listed, meals as listed, taxes and gratuities. Gratuities for guide and driver are NOT INCLUDED and are at the discretion of the individual.

Chapter 150, DEL-MAR-VA (DE)

The Chapter 150 spring picnic was held at the QTH of Chapter Vice-President, Richard Drevo, W3GNQ, in May. Chapter President, R. M. McClanahan, W3RMM, presented 50-Year Awards to Ronald Hill, K3QA, from Chester, MD; Arthur Sowers, W4PON, from Georgetown, DE; and Chapter Secretary/Treasurer, John Willmuth, NQ4Q, from Benin, MD. Chapter Charter Member, George Clough, W3WP, from Cordova, MD, was presented a 55-Year Award. Everyone who attended especially enjoyed hearing the recordings made by Chapter member, Earl Radding, KD3IH, on the Keyboard accompanying his soloist singer, Helen, who sang numerous old familiar songs, and by Chapter Vice President, Richard Drevo, W3GNQ, playing his 5 string bluegrass banjo songs from his last professional Eastern Heritage Record Album.

Frank Wessely, KA3UUC, a long-time member of Chapter 150, became a Silent Key on March 10, 2008. Frank was born in Brooklyn, New York, and was first licensed in April 1940 as W3IKZ. Frank was predeceased



Helen, (soloist singer); and Earl Radding, KD3IH.



L to R: Art Sowers, W4PON; George Clough, W3VVP; Dick Drevo, W3GNQ; and Mike McClanahan, W3RMM.



(L to R) George Clough, W3VVP; Dick Drevo, W3GNQ; John Willmuth, NQ4Q; and Mike McClanahan, W3RMM.

by his wife, Marie, in 1978.

Chapter 150 luncheon meetings are held the second Wednesday of each month at 11:30 AM at the Milton House Restaurant in Milton, DE. Changes in location will be announced on our Sunday on-air net and on our website. All are welcome to attend.

Chapter 150 meets on the air every Sunday at 9:00 AM local time on 146.82 MHz (-). (No PL Tone is required during the net.) Please join us if you are in the area. Additional information and photos are available on our web site, www.qcwa150.com or contact John Willmuth, NQ4Q, at willmuth@dmv.com.

Glenn Bilger, W4OCC, Chapter Board Member

Chapter 151, Wild Rose (AB)

Chapter 151 held its spring lunch meeting on April 26, 2008, at the Tuxedo Park Community Hall. A moment of silence was held for Silent Keys, remembering especially Ernie Barnes, VE6DX. Chapter President, Ken Oelke, VE6AFO, reported that the Chapter is doing well and continues to welcome new members. The Chapter currently has 37 Full Members and 14 Friends, for a total of 51 members and friends.

Chapter 151 has been informed that their assistance (set up and operate the radio equipment) will again be required for 2 more Amateur Radio International Space Station (ARISS) school contacts sometime in 2009. This will make a total of 4 ARISS school contacts that our Chapter will have completed since the first one in December 2005.

During the meeting, the following long service awards were presented: Earle Smith, VE6NM, QCWA Century Club Award; and Dave Watson, VE6EH, 55-Year Licensed Award.

Other members receiving Long-Service and other Awards were: Bruce Collisson, VE6BAC, QCWA Century



(L) Earle Smith, VE6NM, receiving Century Club Award. (R) Dave Watson, VE6EH, receiving 55-Year Award!

Club Award and 55-Year Licensed Award; Leslie Kawamura, VE6ET, 50 and 55-Year Licensed Awards, Ed Frazer, VE7EF, 55-Year Licensed Award; Allen McNeil, VA7QQ, 50-Year Licensed Award; and Jack Ambler, VE6CAQ, Meritorious Award.

Following the meeting, a presentation on the University of Calgary Solar Car was made by solar car team members Jason Workman, VA6JCW; Shawn Zwierzchowski, VA6SBZ; and Scott Nesbitt, VE6SJM.

The solar car team participated in the Australian Solar Car Challenge, a 3000km race from Darwin to Adelaide. Challenges included an accident during the track practices that left the car missing 25% of its solar array. During the race itself, the team experienced road-side bush fires, cloudy weather, two flat tires, and intermittent electrical faults. Despite these challenges, the team managed in finishing 8th in the Challenge Class, and place 1st of the Canadian teams.

The team will be participating in the North American Solar Challenge, which takes place in July. The race starts in Texas and is expected to finish in Calgary on July 23rd.

The next meeting of Chapter 151 is scheduled for September 27, 2008.

Mitch Goodjohn, VE6SM, Secretary

Chapter 154, Leo Meyerson, Greater Palm Springs (CA)

Bill Burton, K8ZZO, became a SK during the month of April. During the past six months, Bill and Suzanne had moved into their new Joshua Tree house where he was building a first-class DX station. His death was unexpected. Bill was active in our Chapter as well as in other ham related events. He will be missed.

Our own Dick Clark, K6GLB, designed our new Chapter



Leo Meyerson, WOGFQ, c. 1943



Mark Swartwout, NX1K, engaged in a Field Day 2008 contact on the CW Band, was at the site from set-up until tear-down.



Ron Fox, K9AHK; and Dan Miller, KA9OIL, holding the Olin Fox, K9AKG, Recognition of Excellence Award plaque listing the yearly winners. Ron and Dan, along with Dave Voss, WB9USI, are this year's selection committee to find our 2008 Awardee.

CHAPTER reports

web site. At our April luncheon meeting he described his design criteria. These included not only the web page itself, but the selection of the domain name. Dick's experience in website design was obvious and we learned a lot. Thanks, Dick.

Many remember the wall-mount sized US call area maps distributed by Leo, WOGFQ, from his World Radio Laboratories. Recently, one of these from shortly after WWII surfaced. It has a 1943 picture of Leo with his old call, W9GFQ. The map, which has no O call area, was listed earlier on the QCWA home page. Take a look at the map and the photo of Leo. Many of us remember those days!

Chapter 154 will have no meetings until November 2008.

Gene Pentecost, W4IMT, President

Chapter 162, Southeast Wisconsin (WI)

Field Day 2008 has faded into history leaving memories of a bumper crop of mosquitoes – thanks to the late spring Wisconsin flooding – that were very happy to keep our radio operators company from set-up to tear-down; a late afternoon thunder storm and its midnight return kept the humidity in check while our crew talked to the world as Two Alpha Wisconsin Battery QRP. Chapter 162 met its goal of a successful Field Day outing again this year. The yearly goal is to set up and make at least one contact. WOW!

I would like to welcome two new members to the Chapter, Patrick Hoppe, WW9R, of Big Bend, WI, who joined the group in early Spring; and Harvey Friedrick, N9NDP, who was awarded Honorary Membership in Chapter 162 for his years of service to the Chapter. Welcome, Pat and Harv.

Our "Olin Fox, K9AKG, Recognition of Excellence Award" committee is looking for a Ham residing in Southeastern Wisconsin or Northeastern Illinois that had been first-licensed 25 years ago and has contributed significantly to Amateur Radio and their community. We would like to recognize them for their service as our 2008 "Olie Fox" selectee. If you know of such an individual, please contact the committee members: Ron Fox, K9AKH; Dave Voss, WB9USI; or Dan Miller, KA9OIL, with your written recommendations. Or you may send them to me at wa9jmo@wi.net and I will pass them on to the committee.

Our Annual Meeting and Banquet will be held on Sunday, October 19, 2008 at Bently's American Grille at the Racine Marriott, 7111 Washington Avenue, beginning at noon. After a very nice Sunday Brunch for our members and their guests, we will elect three directors to help guide us through 2009.

To those attending the 2008 QCWA Convention in

Virginia Beach, VA, on October 3-5th, I am looking forward to a grand time and visiting with all the attendees.

Larry McCalvy, WA9JMO

Chapter 165, York County (PA)

The annual family picnic for Chapter 165 was held on June 21, 2008 at the Keystone VHF Club's outdoor pavilion in York, PA. There were 23 members and guests in attendance. As usual, we invite the widows of Silent Key members of our Chapter to the picnic. There were two in attendance this year.

After the picnic lunch, a short business meeting was held. There were anniversary awards presented to two members present. William Barefoot, W3UQJ, was presented with his 55-Year Award; and Lawrence Fettrow, W3LSV, was presented his 50-Year Award.

Larry, one of our chapter members, only visits us one time per year from Tamrac Florida. Three other awards were awarded to members that were not in attendance.

Cecil Mundorff, K3DCU; and Gene Owens, W6ORZ, were awarded their 50-Year Anniversary Awards and John Shaffer, W3SST, received the 55-Year Award.

We were all saddened by the passing of Pete de Volpi, K3PD, one of our members. Pete was very active in



The 12 Chapter members at the picnic.

ARRL activities and was a QSL manager for more than 20 foreign stations.

Pete will be missed by all in our Chapter. At 63 years, he left us much too soon.

Ray Shaub, W3AXC, Secretary/Treasurer

Chapter 169, Sacramento Valley (CA)

Ron Murdock, W6KJ, ARRL Sacramento Valley Section Manager was the guest speaker. His presentation to the



Awards presented to William Barefoot, W3UQJ, (L) and Lawrence Fettrow, W3LSV, (R) by Ray Shaub, W3AXC, Chapter Secretary, far right.

QCWA Chapter 169 on March 12, 2008, touched on the problem on 440 MHz band with the Beal AFB and Pave Paws radar that has required many ham repeaters in the Sacramento Valley to go off the air. He also discussed the problem with the California D.M.V. and the Ham license plates having a space between tile region number and the following letters. Through ARRL pressure this was corrected.

Sacramento Valley Chapter meets for lunch on the second (2nd) Wednesday of the month at Denny's Restaurant located at 7900 College Town Drive in Sacramento. The facility is just north of Highway 50 on the west side of Howe Avenue and parking is available.

During the quarter, a 55-Year Service Award was presented to Rose Jolly, W6QPV.

Programs included the following: Video regarding getting started in amateur radio; Presentation by Gary Stilwell, KI6T, on the International Visalia DX Convention; Presentation by Armond Noble, N6WR, Publisher of



Jim Jolly, W6RWI, Chapter President; with Gary Stilwell, KI6T (R), with rare contact QSL card - C6A.



(L) Jim Jolly, W6REI, presenting 55-Year Service Award to Rose Jolly, W6QPV (R).

WorldRadio News, on the Dayton Hamfest; Video "From Sparks to Satellites"; Video of DX-pedition to Swains Island, KH8.

The group starts gathering by 11 AM for a no host lunch and meetings usually start around 12:15 PM. YLs are always welcome. For further information, please contact our President, Jim Jolly, at (916) 966-2244 or Gary Stilwell, Secretary, at (916) 961-6659.

Gary Stilwell, KI6T, Secretary

Chapter 177, Riverside (CA)

The 169th regular meeting of Chapter 177 was held on April 30, 2008. Attending were: W6RTW and W6ADE, WB6FKR, K6GUK, K6JAD, N6RND, W6IEG and Ruby,



Armond Noble, N6WR, publisher of "WorldRadio" presented a review of the 2008 Dayton Hamvention.

CHAPTER reports



QCWA 75-Year Award was presented to Clifford Lundquist, W6NSN, for 75 years as a Ham.



The Golden Harmony Barbershop Quartet.

WA6UDR, K6UIZ, WA6TLL, W6KPA, K5JWU, W6NSN with daughter Patty and son Gary; WA6ISG, K6AYU and Ken, WA6RYK, K6QXQ, W7OBR with Irene and Darla Lewis; John Payne, Elmer Olson and Jim Bunten.

Nick, N6RND, presiding. Call to Order at 1930. Introductions were made.

The QCWA 75-Year Award was presented to Clifford Lundquist, W6NSN, for 75 years as a Ham. Along with this Award, Cliff was presented with a QCWA Life Membership. Congratulations Cliff.

The Evening Program: Our program of the evening was a musical extravaganza by the Golden Harmony Barbershop Quartet. The members are Bruce Smith (W7OBR), Tenor; John Payne, Lead; Elmer Olson, Baritone and Jim Bunten, Bass. The musical presentation and comical interludes were outstanding. Several members brought their family to enjoy this unique and special program. If you missed it, you missed a super and extremely entertaining program. Thank you Golden Harmony!

QCWA CHAPTER 177 PICNIC: On May 10th, the annual picnic was held at the Citrus State Park in Riverside. Jim, K6JAD, and Nick, N6RND, got there early to stake out a claim for the best area. Although atten-

dance was sparse, a great time was had by all who attended. For some reason, no one wanted to claim the new Icom 7800 raffle prize, so it was returned to the vendor for a refund. (Hi Hi, just kidding)

QCWA CHAPTER NET: Ch. 177 net will meet on Tuesday, July 1st at 7:30 PM on 145.580 MHz simplex, and on the first Tuesday of each following month.

Remember the next regular meeting of Chapter 177 will be Wednesday, June 25, 2008 at 7:30 pm in the dining room of the Community Care & Rehabilitation Center, at the corner of Brockton and Jurupa Avenues, in Riverside. The program for the evening will be a video about a recent DXpedition, thanks to Nick, N6RND. Without giving too much away, it will be about water, land, generators, lots of contacts, bugs and pirates. I am sure you won't want to miss this one. I hope you can all make it.

Bob Wade, W6RTW, Secretary/Treasurer

Chapter 181, Hudson Valley (NY)

Hudson Valley Chapter 181 held its annual meeting at Mazzaferro Restaurant in Yonkers, New York on Saturday, June 21, 2008. This was a joint meeting with Founders Chapter 46 and the Council of Northeast Chapters of QCWA (CONEX).

A moment of silence took place in memory of recent Silent Keys: Dick Robinson, W2OZA; Harrison Moore, W2JQS; and John Weber, KA2IXW.

Lunch was served. The food and service were very good.

Treasurer, Stan Egelberg, W2WQK, gave the Treasurer's report and we are in good financial health.

Gus Levy, W2LAP, was awarded a 70-Year Certificate.

Special guest, Steve Mendelsohn, W2ML, updated the members on what's new in amateur radio and then gave a very interesting presentation on radio frequency co-ordination in the National Football League. Steve works for a major TV network and is a game day frequency coordinator for Jets games. Hams play a major role in this operation.

Chapter 181 held an election for officers and directors and the following Officers were elected: President, W2NBT, Sy Yuter; Vice President, WA2KSK, Howard Leopold; Secretary-Treasurer, W2WQK, Stan Egelberg.

The follow Directors were elected: NA2M, Bill Hellman; W2RP, Charlie Hellman; W2MJP, Jerry Muhlberg; W2LAP, Gus Levy; W2IX, Frank Lauri.

Sy Yuter, W2NBT, President

Chapter 188, Lost River (OR)

Greetings from mostly sunny Klamath Falls, Oregon. Our group meets on the third Thursday of every month, and in September each year we get together for a picnic at the home of one of our members. I promised last Journal to have more information on Phil Rand, W7BW, who recently received his 70-year Certificate and Pin:

Phil Rand has been licensed for 70 years, with the call-sign, W7BW, living in Klamath Falls, Oregon. He was first licensed in Saugus, Massachusetts in 1938 as a kid in high school. His Mother drove him to the Custom House in Boston to take the Class B exam from the FCC...he was 15 years old and too young to drive. The callsign, W1LRK, was received in a month or so. He went into the Army Air Corps in May 1942 and became a fighter pilot. He stayed on active duty in the Air Corps and then the United States Air Force, retiring in 1974. Phil flew fighter combat missions WW2 through Vietnam for a total of 326 combat missions and 650 combat hours. During all those almost 33 years of active duty in the military, he had many different callsigns. In those years it was required by the FCC to modify and change callsigns with each move. When he retired to Oregon he was issued the callsign, W7IOP. With an upgrade to Extra Class in 1977, he received the callsign, W7XK, and then, W7BW. Phil is primarily a CW operator with just a little AM phone and SSB. He has a wonderful collection of old transmitters and receivers including many fine pieces of Collins equipment. His family includes 4 children, 1 girl and 3 boys. All the boys have served in the military, two in the Marine Corps, and the youngest now on active duty as a General Officer fighter pilot in the Air Force. At age 85, Phil's goal is to be the last WW2 veteran standing! He still flies civilian aircraft a couple of times a month. Ham radio has always been the love of his life, and will hopefully continue for at least a few more years to come.

Carolyn Brooks, AB7ET, President

Chapter 196, Fort Myers (FL)

If you are an animal lover, you should have spent Field Day 2008 with members of Chapter 196 in Fort Myers, Florida. Four members gathered together and did things a little different this year. We decided to set up at a nearby wildlife sanctuary.

Stella Gurka, WB2FAU; Don Kilpatrick, W9LBY; Dave Penezic, WA4GUK; and myself, enjoyed a special weekend with over 200 exotic animals that were just a few yards away from our 3 portable stations.



A furry friend at the Octagon Wildlife Sanctuary in Punta Gorda, Florida.

We were given special permission to operate at the Octagon Wildlife Sanctuary in Punta Gorda, Florida, by Lauri Caron who is the owner and Director. Lauri has been working at the Sanctuary for 15 of its 30-year existence. Being very careful to keep safe distances from the animals and walk paths of visitors, we were able to use two inverted Vs, one dipole and a vertical antenna.

The Octagon Wildlife Sanctuary is proud to have an active ham radio club, and our QCWA members were just as proud to put W8OWS on the air. Look at your field day logs to see if you worked us.

Some of the equipment that we used were charitable donations to the Sanctuary from the estate of our beloved friend, Jan Scheuerman, WA2YL /SK. Jan's spirit will forever be in ham radio and the animals that she so admired.

Tad Burik, K3QC, President

Chapter 201, Boise (ID)

On May 20, 2008, the Gem State Chapter 201 of the Quarter Century Wireless Association (QCWA) and the Idaho Society of Radio Amateurs (ISRA), Boise Chapter partnered, with the American Radio Relay League (ARRL), to donate a set of current ARRL publications, valued at more than \$300.00, to the Boise Public Library.

The ARRL, (the National Organization that represents radio amateurs, also known as "ham radio operators"), makes its publications available at a reduced price when the books are donated to a public library. Part of the goals of all three organizations is to assist the public awareness of ham radio in the Treasure Valley and help those who are interested in the radio hobby.

The donated publications cover topics such as how to become a ham radio operator, basic electronics, how to make radio antennas, and other electronic-related topics.

We have attached a picture that was taken at the Boise Public Library when the publications were donated.



Left to right, Bill Barrus, President of the Boise Chapter of the Idaho Society of Radio Amateurs; Vicki Kreimeyer, Adult Services Supervisor- Boise Public Library; Doug Rich, Idaho Section Manager for the American Radio Relay League; and Rex Green, President of the Gem State Chapter 201 of the Quarter Century Wireless Association.

The persons in the picture are, left to right, Bill Barrus, President of the Boise Chapter of the Idaho Society of Radio Amateurs; Vicki Kreimeyer, Adult Services Supervisor- Boise Public Library; Doug Rich, Idaho Section Manager for the American Radio Relay League; and Rex Green, President of the Gem State Chapter 201 of the Quarter Century Wireless Association.

For more information, please contact Rex Green of the Gem State Chapter, QCWA, in Boise at 377 1498. T. Rex Green, Retired reply to k7dmv@cableone.net

Rex Green, K7DMV

Chapter 205, Eastern Indiana (IN)

Members of our Chapter who also are VEs were thrilled recently to see so many new people pass the test and become new amateurs. They have told us that they are grateful for all the help we are giving them to get them up and running.

Our yearly trek to Hamvention went well this year and many of us brought something back for the shack. We held a special dinner just prior to that weekend so those going could make plans for arranging car pools.

Chapter members were of great help in installing the amateur equipment at the 9-1-1 Emergency Operations Center recently, and our Chapter net originates from there on occasion.

Special recognition is given to Horace "Smitty" Smith, W9PPD. Smitty has been licensed since 1952 and he has a fifty-mile round trip to make our meetings but he never misses a meeting. What a great guy!

As fall weather approaches our antenna projects are winding down and we are making plans for fall activities since it is just around the corner. Have a safe fall while enjoying our great hobby!

Mike Chambers, W1IDX, President

Chapter 212, Central Ohio (OH)

Chapter 212 is taking a break for the summer. The next meeting will be in September.

Also, due to family obligations, Dave Schwerfager, N8EFB, has asked to be relieved of the Web master duties for Chapter 212. Dave has been an active supporter of "212" from the beginning and deserves a break from his web duties. Thanks, Dave, for all your support and help with getting "212" on the Internet.

Chapter 212 hopes everybody has a great summer and a wonderful fall season.

Fritz Tender, WD8E, President; & Bob Cashdollar, NR8U, Secretary

Chapter 213, Fresno (CA)

Our monthly meetings are on the 4th Tuesday and Noon at Carrow's Restaurant, 4480 N. Blackstone in Fresno. All QCWA members are welcome to attend if they are in the Fresno, California, area on our meeting day. Our meetings are very informal with an average attendance of 20 members and guests. The Chapter participation at the 65th Fresno Hamfest resulted in 2 new members to QCWA and the sale of 3 QWCA Caps.

Charles McConnell, W6DPD, Secretary/ Treasurer

Chapter 220, Coos Bay (OR)

Our recruiting campaign has ended with a total of ninety-four QCWA applications being mailed to eligible members in Coos County. Sixteen of those were returned by the Post Office as undeliverable. It is a reminder that you must notify the FCC when your address changes, or risk cancellation of your license.

Welcome to new member Cary Norman, N6SQ, and Karen, KG6YPL. We expect to have one new member who will become eligible to join QCWA in July.

At our last meeting Joe, WA7WLY, brought an antenna tuner that he is constructing. The large variable condenser is belt-driven by a motor, and it will include a digital read-out.

Larry, K7MI, is almost finished getting his tower and antennas back together after the severe damage they incurred during the December wind storms.

We have our very informal breakfast meetings at the Minute Café in Bandon at 9am on the 2nd Saturday of

each month. Visiting QCWA members and their spouses are always welcome.

Our web site is <http://www.geocities.com/qcwa220/>

Ron Oliver, W7VU, Secretary

Council of Northeast Chapters of QCWA

CONEX held its twenty-first anniversary meeting at Mazzaferro Restaurant in Yonkers, New York, on Saturday, June 21, 2008.

This was a joint meeting with Founders' Chapter 46 and Hudson Valley Chapter 181. Sixteen members attended. Chapter 181 was the host. The following chapters were represented: Chapter 181, Chapter 46, and Northern New Jersey Chapter 77.

Under CONEX rules every QCWA member in good standing in a Northeast chapter is automatically a member. There are no dues. It's net meets every Sunday at 8:15 am on 3.917, with net control Sy Yuter, W2NBT. The CONEX Gourmet Group meets every third Sunday in a month, usually at 5:30 pm, led by Gus Levy, W2LAP.

A moment of silence took place in memory of recent Silent Keys : Dick Robinson, W2OZA; Harrison Moore, W2JQS and John Weber, KA2IXW.

Lunch was served. The food & service were very good.

Special guest, Steve Mendelsohn, W2ML, updated the members on what's new in amateur radio and then gave a very interesting presentation on radio frequency co-ordination in the National Football League. Steve works for a major TV network and is a game day frequency coordinator for Jets games.

CONEX held annual elections for officers and directors and the following Officers were elected: President, WF1D, Gerry Georgopolis, Twin States; Vice President, WA2BSS, Stu Ballinger, Hudson Valley; Secretary, W2IX, Frank Lauri, Founders, Hudson Valley; Treasurer, W2NBT, Sy Yuter, Founders, Hudson Valley.

The following Directors were elected: K2YLH, George Schomberg, Northern New Jersey; W2LAP, Gus Levy, Founders, Hudson Valley; W2WQK, Stan Egelberg, Hudson Valley; W2MJP, Jerry Muhlberg, Hudson Valley; K2ILF, Manny Cohen, Hudson Valley.

CONEX also added the last two to its list of Honorary Directors, QCWA members who played a leading role in the organization. They are: W2KW, Clarence Seid, SK, Charter Member, Founders; W2JE, Gus Gironda, SK, Delaware Valley; W2DP, Francis Percival, SK, Founders; W2AUF David Winter, SK, Founders, Long Island; W2TLC, Herman Milatz, SK, Long Island; W2JQS

Harrison Moore, SK Founders, Hudson Valley; KA2IXW, John Weber, SK Founders.

GM Note: The history of CONEX appears in the spring 1994 Journal, page 21.

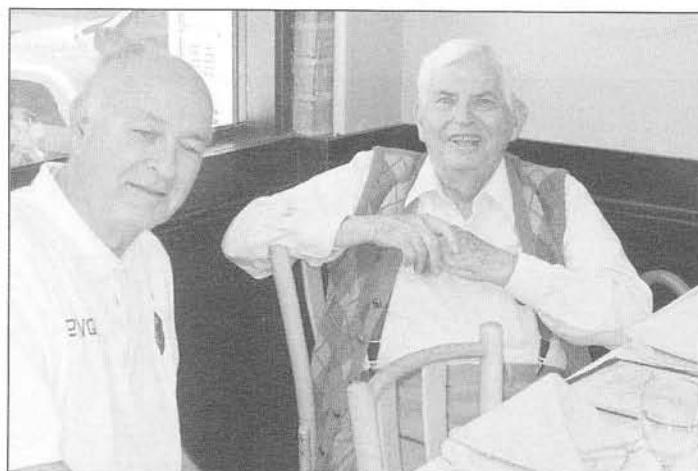
Sy Yuter, W2NBT, Treasurer



Charles Hellman, W2RP & GW Hellman, NA2M (unrelated!).



Stan, W2WQK and Gus, W2LAP.



Stan, W2WQK and Richard, NJ2J.

The Wings Over The Rockies Air and Space Museum

By Scott Thompson, KB6CC, Chapter 58

The Wings Over The Rockies Air and Space Museum is Denver's first Aerospace Museum, and has been designated by the Colorado State Legislature as the Official Air and Space Museum of the State of Colorado. Located in a 1930s-era Air Force hangar on the former Lowry Air Force Base, the museum serves the Denver area as its third largest event venue. The Museum is Denver's newest historical and educational facility, dedicated to education, science, mathematics, technology, the rich history of flight in the Rocky Mountain region. With 30 aircraft and special exhibits, including Amateur Radio (sponsored, in part, by QCWA Colorado Chapter 58), and an objective of teaching the younger generation about the science of aviation and space travel, there is something of interest in the Museum for everyone.

In addition to a working HF and 2-meter Amateur Radio station, KOWAR (W)ings (A)mateur (R)adio, we are installing Amateur Radio satellite equipment in the full-sized International Space Station module on exhibit at the Museum. We have the radios, VHF and UHF cross-polarized antennas, azimuth/elevation rotors, computers with the KCT rotor control (still trying to figure out the best/easiest tracking program), as well as the backup antennas, UPS, amplifiers, and etc.

One in five (20%) of all U.S. astronauts have birthplace, hometown, or alma mater ties to Colorado, and a few more have other well-known affiliations in Colorado. Additionally, one in four (25%) of all Colorado astronauts are licensed Amateur Radio operators.

On Friday, May 23, 2008 Colorado's Wings Over the Rockies Air & Space Museum hosted ceremonies for the opening of an inspiring new exhibit: "Colorado's Astronauts: in their own words," featuring personal reflections, memorabilia and artifacts from astronauts with Colorado ties, as well as NASA's presentation of the "Ambassador of Exploration" award honoring one of Colorado's astronauts, John L. "Jack" Swigert. NASA officials presented the award, which includes a lunar sample (part of the 842 pounds of Moon rocks returned during the lunar expeditions from 1969 to 1972). In memory of Swigert, the award was accepted by his sister, Virginia Swigert, and placed on display at the Wings Over the Rockies Air & Space Museum.

Although our Space Station's satellite radio system was not operational in time for the activities on May 23, Amateur Radio volunteers at Colorado's Wings Over the Rockies Air & Space Museum operated a successful HF special event station for 12 hours on Friday, May 23, helping to celebrate the opening of the Colorado Astronauts exhibit and NASA's presentation of their Ambassador of Exploration Award. A special certificate is being awarded to confirmed contacts on receipt of a QSL and SASE.

Attended by over 750, in addition to NASA officials and Virginia Swigert, special guests included: Jeanean Spinelli (Jack's niece), other Swigert family members, General Hall (Jack's Commanding Officer), Gene Kranz (Flight Director, Apollo 13), James A. Lovell (Commander, Apollo 13), Fred Haise (Lunar Module Pilot, Apollo 13), Ken Mattingly (Original Command Module Pilot, Apollo 13), Brian Duffy (N5WQW, NASA Astronaut), Ron Sega (KC5ETH, NASA Astronaut), Jeff Ashby (NASA Astronaut), Richard Truly (NASA Astronaut). Local invited VIPs included Colorado Governor Bill Ritter, other Colorado Officials, and Colorado Space Industry presentatives.



Russ Young, WOEYR (standing); and me, Scott Thompson, KB6CC (seated).



Russ Young, WOEYR, and Kristin Wilson, KC0INX. You may remember that Kristin was a recipient of a QCWA Scholarship Award (and now a sophomore in college).



The console.



The Club's QSL card.

The Wings Over The Rockies Air and Space Museum

Details, links, and information can be found on the web at:
<http://wings.rmhcn.org/>

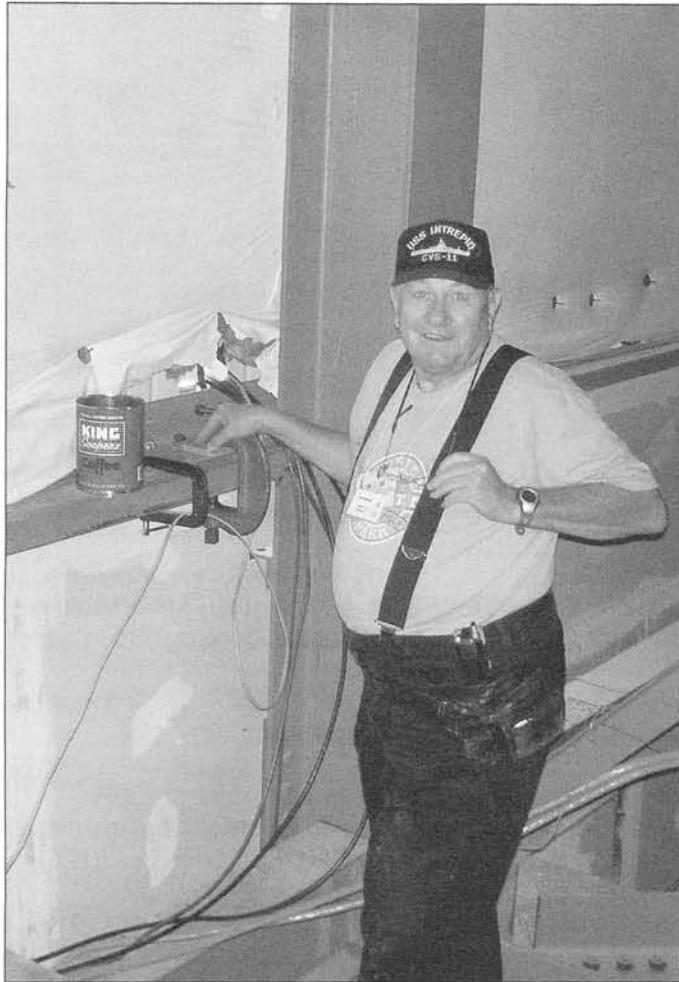
de Scott, KB6CC, kb6cc@arrl.net

Chapter 58 has been hard at work setting up an amateur radio station as part of the displays at the Wings Over The Rockies Museum Air and Space Museum in Denver. The photo shows the operator console at the KOWAR ham station at the Museum. Russ Young, W0EXR (L), and Kristin Wilson, KC0INX (R) are comparing notes. Kristin was a recipient of a QCWA Scholarship Award in 2006 and now a sophomore in college. Kristin was a featured speaker at the QCWA Convention held in Denver in 2006. A special dedication at the Museum is planned for the May time frame and will be reported in the fall Journal, along with a more detailed description of the station and its activities.

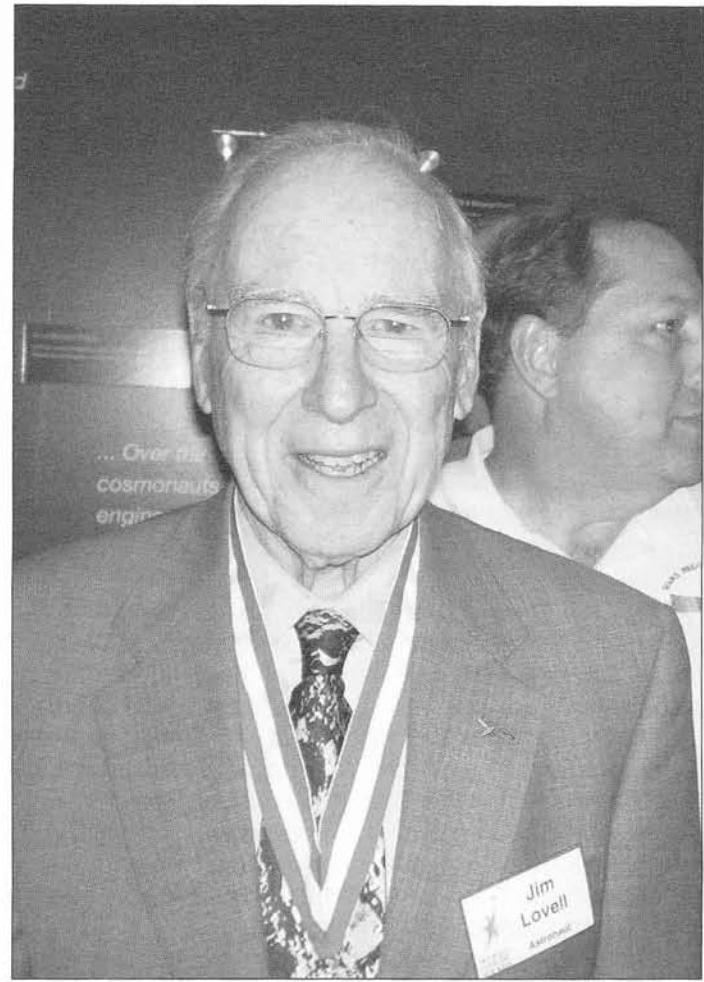
Scott Thompson, KB6CC, Chapter Member



Wings Over The Rockies Certificate.



Jim Blecha, W9KRE, working on the antenna access panel.



James A. Lovell, Commander, Apollo 13.

QCWA Members Building Bridges To The Future:

Innovative Programming At The Chesapeake (VA)

Center for Science and Technology

By Rich Siff, WA4BUE and Vic Culver, V4VIC



Morning Class (left to right) Maurice Grandberry, Anthony Roth*, Regina Taylor*, James Underwood*, and Blake Sparrow. Starred individuals are newly licensed.*

QCWA Chapter 119 (Tidewater VA) members who are also active with the Chesapeake Amateur Radio Service (CARS) have initiated and brought to fruition a special program that builds bridges to the future of amateur radio. Spearheading an initiative with The Chesapeake Center for Science and Technology (CCST) Broadcast Radio Class, an element in the Chesapeake Virginia Public School System, the group developed an experimental program which introduced an Amateur Radio Component into the Broadcast Radio Class curriculum at WFOS FM 88.7, "the Voice of the Chesapeake Public Schools."

The CARS group provided the amateur radio Volunteer Examiners (VE), Power Point lesson presentations, and a

code practice oscillator. Suzanne Snowden, KJ4AVM, class instructor (herself an accomplished commercial broadcaster) and her students did the rest.

Participating CARS members were:

- Paul Buckwalter, K4PRB, VE and President of CARS
- Sean Gorman, W5CDR, VE, Public Service Chairman, and Chesapeake Local Emergency Planning Committee (LEPC) member
- Jim Hardee, WB4UVH, Lead VE, QCWA Chapter 119 Member
- Bill Ruynon, WF4R, VE and Technical Chairman, QCWA

Chapter 119 Member

- Richard Siff, WA4BUE, VE and Chief Mentor, QCWA

Chapter 119 Member

- Suzanne Snowden, KJ4AVM, WFOS Broadcast Instructor, Amateur Radio Instructor, and Announcer for WVBW 92.9 FM

WFOS FM 88.7 first went on the air in 1955 and can be heard with live stream audio on the web. Locally WFOS covers a wide area with its broadcast power of 15,500 watts. When school is in session the student DJs gather and read the news, sports and weather. The advanced students also develop original programming.

During Hurricane Isabel, the station broadcast vital information to the Southeast Virginia area directly from the Chesapeake Emergency Operations Center (EOC) through the commercial radio link system. WFOS now has a dedicated amateur radio back up link to the EOC. The amateur radio component in the curriculum motivates the students and provides direct experience in two-way radio communications (with the EOC control operator) in addition to their broadcasting experience. By integrating the amateur radio activity into the broadcast curriculum students gain a practical knowledge of how amateur radio can play an important part in conjunction with more broad-based communications programs. This program also serves a very practical purpose: to increase the potential for public service participation by local amateurs. Developing real experience in amateur communications creates a foundation for amateur radio involvement and provides the potential for strong

future leadership in the growth and development of amateur radio.

The introduction of six new amateur radio operators, students from four high schools, expands the current base of City of Chesapeake public service amateur radio operators. The newly licensed amateur radio operators are:

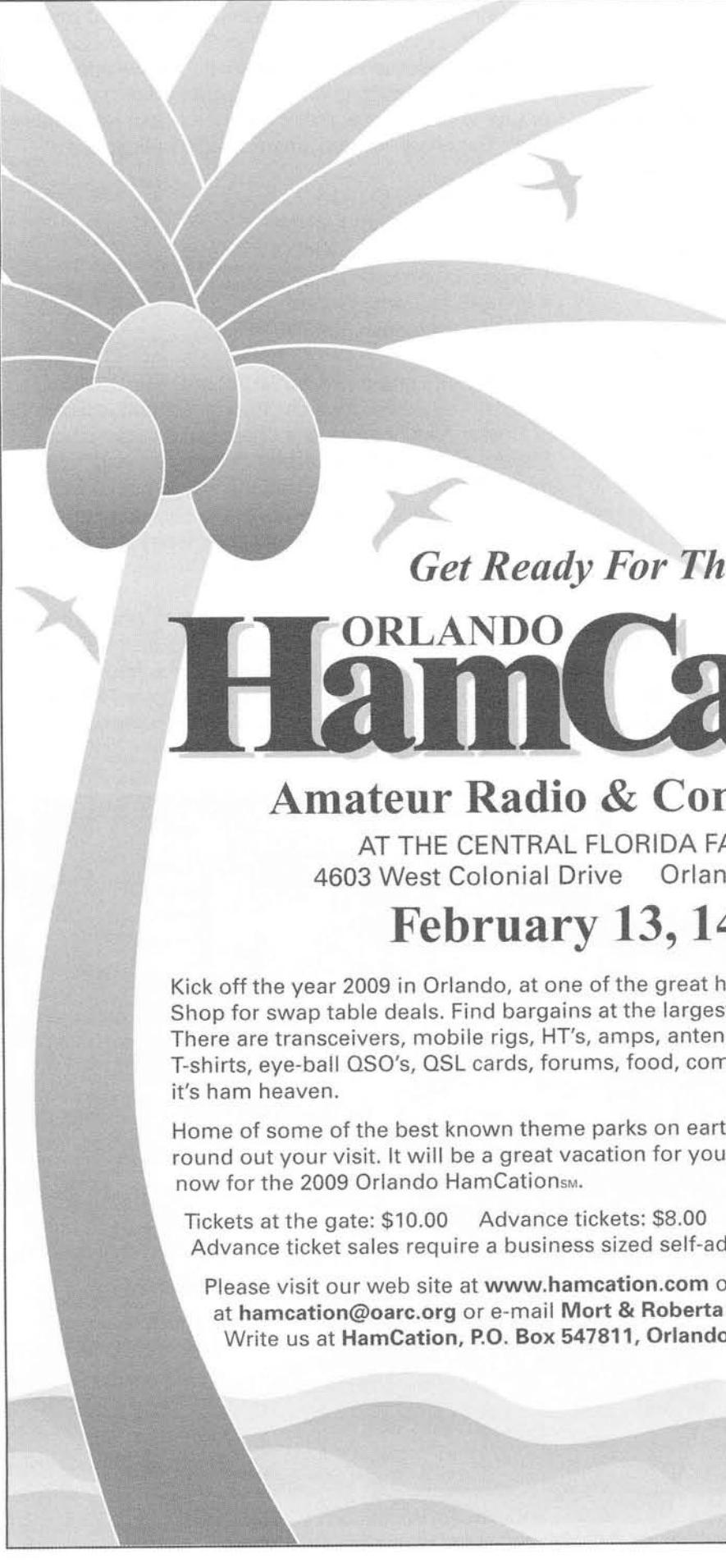
- Anthony Roth, KJ4EOG
- James Underwood, KJ4EOH
- Maurice Grandberry, KJ4EOI
- Regina Taylor, KJ4EOJ
- Brendan McCarty, KJ4EOK
- Matthew Vaughan, KJ4EOL

The CARS group (www.W4CAR.org) and QCWA Chapter 119 (www.qcwa-ch119.org) congratulate the City of Chesapeake, Virginia; the Chesapeake Public School System, and the WFOS staff for "Home Growing" civic-minded students who will lead the way in our community. This very successful start serves as the beginning of an ongoing program to benefit our community and provides an immediate return to the City on its investment in education.

Programs such as this are but one area where QCWA members can, and perhaps should, bring their experience and skills to bear in building bridges to the future of amateur radio. Congratulations to those Chapter 119 members from the CARS group who were instrumental in developing this program.



WFOS Afternoon Class, (Left to Right) Brendan McCarty*, Whitney Wilson, and Matthew Vaughn*. Starred individuals are newly licensed.

- 
- Special Guest Speakers
 - 150 Commercial Exhibits
 - Over 400 Swap Tables
 - Largest Tailgate Area In Florida
 - Testing On Saturday
 - Free Parking
 - RV Camping On Premises
 - Fox Hunt
 - Guest Friendly Central Florida Atmosphere
 - Theme Parks Nearby
 - Courtesy Talk-In On 146.76

Get Ready For The 2009

ORLANDO **HamCation**SM

Amateur Radio & Computer Show

AT THE CENTRAL FLORIDA FAIRGROUNDS

4603 West Colonial Drive Orlando, Florida 32808

February 13, 14 & 15

Kick off the year 2009 in Orlando, at one of the great hamfests. See the latest equipment. Shop for swap table deals. Find bargains at the largest tail-gating area in the Southeast. There are transceivers, mobile rigs, HT's, amps, antennas, call-letter hats, wire, parts, T-shirts, eye-ball QSO's, QSL cards, forums, food, computers, sun and fun. You'll think it's ham heaven.

Home of some of the best known theme parks on earth, Orlando has all you need to round out your visit. It will be a great vacation for you and the family. Make your plans now for the 2009 Orlando HamCationSM.

Tickets at the gate: \$10.00 Advance tickets: \$8.00

Advance ticket sales require a business sized self-addressed stamped envelope.

Please visit our web site at www.hamcation.com or call 407-814-0434, e-mail us at hamcation@oarc.org or e-mail Mort & Roberta Cohen at hamcation@aol.com. Write us at HamCation, P.O. Box 547811, Orlando, FL 32854-7811



New Members

Fall 2008

Date	Mem. #	Name	Call	City	ST/PR	SPONSOR	SCALL
4/7/2008	34364	GAALAAS, LARRY	KB0R	MINNEAPOLIS	MN	BOB ROSKE	NOUF
4/8/2008	34365	NORMAN, CARY ACTON	N6SQ	COQUILLE	OR	RON OLIVER	W7VU
4/9/2008	34366	JACKSON, ANDREW	N4FUF	BENNINGTON	KS	ALVIN WIECHMAN	WOME
4/9/2008	34367	CHAPMAN, ROBERT H	W9JOP	BEALETON	VA	-	-
4/11/2008	34368	DOW, JAMES W	N8KSL	ROCHESTER	MI	BEVERLEY M STONER	K8ZJU
4/11/2008	34369	WILLIAMS, JOHN E, JR	WB4RAM	CHESTERFIELD	SC	-	-
4/11/2008	34370	BREADY, WILBUR F	NY4E	NEW PORT RICHEY	FL	WOODROW HUDDLESTON	K4SCL
4/11/2008	34371	ANDERS, ROLAND A	K3RA	ELKRIDGE	MD	JOHN B JOHNSTON	W3BE
4/15/2008	34372	ERICKSON, RUSSELL	N0RE	LITTLETON	CO	-	-
4/15/2008	34373	BUSCH, WILLIAM W	K0IKP	LITTLETON	CO	-	-
4/16/2008	34374	UHL, MALCOLM H	N4QDA	RENO	NV	-	-
4/17/2008	34375	BOWMAN, KARL F	KG4SYY	RALEIGH	NC	JOHN B JOHNSTON	W3BE
4/18/2008	34376	LEDWITH, DONALD K	K7SDF	ROCHESTER HILLS	MI	LEONARD M NATHANSON	W8RC
4/18/2008	34377	ZULEWSKI, GERALD J	WB2VIE	YORK	PA	WILLIAM MORGAN	N3IW
4/18/2008	34378	HATTON, HERBERT	W4ASA	CARROLLTON	GA	-	-
4/21/2008	34379	ZADONIA, PAUL D	WD8CJN	PINCONNING	MI	JAMES F BISHOP	W8JFB
4/22/2008	34380	RAVENEL, HENRY L, JR	WA4UD	MT PLEASANT	SC	-	-
4/22/2008	34381	NEW, DAVE	AA6YX	SEBASTOPOL	CA	-	-
4/23/2008	34382	BAREFOOT, TIMOTHY W	AA3BJ	DOVER	PA	RAY SHAUB	W3AXC
4/24/2008	34383	BATES, JOHN L	KB0UY	MACKS CREEK	MO	-	-
4/24/2008	34384	MULFORD, ROBERT STEVEN	K0RSM	LEE'S SUMMIT	MO	GARY HARRISON	KOBC
4/24/2008	34385	LAM, DALE	N0OU	KANSAS CITY	MO	CAROLYN HARRISON	WBOOM
4/24/2008	34386	MARTIN, CRAIG L	KY0O	KANSAS CITY	MO	-	-
4/28/2008	34387	HANSEN, VICTOR R	WB6SEL	THOUSAND PALMS	CA	-	-
4/28/2008	34388	HRUTKY, HELEN C	KB6RPH	CLEARLAKE	CA	RON OLIVER	W7VU
4/29/2008	34389	GUIMONT, LEANORE B	KA6UCD	SAN DIEGO	CA	DAVID O GUIMONT	WB6LLO
4/29/2008	34390	DUMIRE, FREDERIC D	KG7K	CHEYENNE	WY	DONALD MILLER	K7TFW
4/29/2008	34391	CARR, THOMAS M	KG0BB	WICHITA	KS	-	-
4/29/2008	34392	MAYSE, THOMAS M	KN5S	ELIZABETHTON	TN	JAMES SELLERS	K9ZBM
4/29/2008	34393	TOMLINSON, GEORGE R	AA4GT	NAPLES	FL	KEN SIMPSON	W8EK
4/30/2008	34394	MOLLOHAN, LOUIS WAYNE	K9QO	DECATUR	IL	-	-
5/2/2008	34395	MC CORMICK, J C	KI4VTL	WINTER SPRINGS	FL	-	-
5/5/2008	34396	DELONGCHAMP, JAMES J	WB8IEH	ISHPEMING	MI	AILEEN GAGNON	WA8DHB
5/5/2008	34397	GREEN, BERTRAM P	KN4OU	LAKE WORTH	FL	-	-
5/5/2008	34398	DOS SANTOS, VITOR LUIS	PY2NY	JABOTICABAL	SP	-	-
5/8/2008	34399	KNOWLES, HENRY G	WB9VOT	SUMMERFIELD	NC	-	-
5/8/2008	34400	PYNE, WALTER PAGE	WA3EOP	HAGERSTOWN	MD	JOHN B JOHNSTON	W3BE
5/9/2008	34401	WALD, NORMAN	W9VQ	CHICAGO	IL	-	-
5/9/2008	34402	MASSEY, STEVE	N6TT	MANHATTAN BEACH	CA	-	-
5/12/2008	34403	WEISS, HARRY W, JR	KA3NZR	FERRUM	VA	PHILIP JUNG	K9PJ
5/12/2008	34404	WOLFF, EDWARD C	AD4WS	MARYVILLE	TN	JAMES ELSTON	KP2X
5/12/2008	34405	SLOCUM, JACK M	WB2FXK	HORSEHEADS	NY	W W THOMPSON	W2MTA
5/12/2008	34406	WHITE, JAMES M	KF2WJ	CANDOR	NY	W W THOMPSON	W2MTA
5/13/2008	34407	KOSTANOSKI, ALFRED J	NE3EE	GAP	PA	-	-
5/13/2008	34408	MORGAN, ROBERT W	K4JPP	VIRGINIA BEACH	VA	CHARLES CHAPMAN	W1WTG
5/13/2008	34409	SCHMIDT, GEORGE W	WA4GDB	VIRGINIA BEACH	VA	VIC CULVER	W4VIC
5/13/2008	34410	WEBB, CLYDE Q	K4CQW	VIRGINIA BEACH	VA	JUDY YOUNG	W4JJY
5/21/2008	34411	PARADISE, SANDI	VE3MFZ	BURLINGTON	ON	FERG KYLE	VE3LVO
5/21/2008	34412	ARNOLDI, JAMES PETER T	VE3NTK	TORONTO	ON	JAMES R TRAYES	VE3FMT
5/21/2008	34413	FENKELL, JERRY	VE3OBX	TORONTO	ON	STAN TREEBY	VE3HT
5/21/2008	34414	BRAATZ, STEVEN A, SR	W9SAB	WAUKESHA	WI	-	-
5/21/2008	34415	PLEMONS, JOSEPH C	K4JCP	FORT WALTON BEACH	FL	JOHN B JOHNSTON	W3BE
5/21/2008	34416	STEINKAMP, JEFF K	N7YG	TUCSON	AZ	-	-
5/22/2008	34417	KENDRICK, BILL	N6RV	HARBOR CITY	CA	DAYTON	-
5/22/2008	34418	GRUBBS, ARNOLD	KA0NCR	FREMONT	NE	DAYTON	-
5/23/2008	34419	TISDALE, BRUCE J	KC9ICP	MARION	IN	DAYTON	-
5/23/2008	34420	COTTAGE, JOHN C	WA2BAT	SPRINGFIELD	NJ	DAYTON	-
5/23/2008	34421	SMALL, ROBERT	K9MUY	OAK FOREST	IL	DAYTON	-
5/23/2008	34422	STEWART, CHARLES	N0PRZ	TULSA	OK	DAYTON	-
5/23/2008	34423	HORNE, LAURENT	N2NY	LANCASTER	PA	DAYTON	-
5/23/2008	34424	MIHM, THOMAS R	N9TM	STICKNEY	IL	DAYTON	-
5/23/2008	34425	DENBOW, CARL J	N8VZ	ATHENS	OH	DAYTON	-

New Members continued

Date	Mem. #	Name	Call	City	ST/PR	SPONSOR	SCALL
5/23/2008	34426	WREN, MIKE	K8NW	NEW LEBANON	OH	DAYTON	
5/23/2008	34427	DUBOIS, YVON A	AE7YD	PHOENIX	AZ	DAYTON	
5/23/2008	34428	ARCY, THOMAS H	W5THA	BASTROP	TX	DAYTON	
5/23/2008	34429	WOLF, LAWRENCE W	KJ4UY	HAINES CITY	FL	DAYTON	
5/23/2008	34430	RAYDO, JOHN	KOIZ	KANSAS CITY	MO	DAYTON	
5/23/2008	34431	LEWIS, THOMAS	N4TL	RALEIGH	NC	DAYTON	
5/23/2008	34432	SAYRE, DALE E	K8DUX	TROY	OH	DAYTON	
5/23/2008	34433	SPRINGSTEEN, WAYNE P	WU6A	FREMONT	CA	DAYTON	
5/23/2008	34434	FARMER, BOB	W9BF	LIBERTY HILL	TX	DAYTON	
5/23/2008	34435	ROBERTS, DAVID W	NOATH	CLINTON	MO	DAYTON	
5/27/2008	34436	FRENZEL, LOUIS E, JR	W5LEF	AUSTIN	TX	DAYTON	
5/27/2008	34437	WALLACE, JOHN	WB9ARJ	BEAVER DAM	WI	DAYTON	
5/27/2008	34438	SELLERS, HENRY A	W3TZ	VAN BUREN	AR	DAYTON	
5/27/2008	34439	DEHAVEN, JERRY	WA0ACF	PREScott	WI	DAYTON	
5/27/2008	34440	RITORTO, JIM	WB6NJA	SAN DIEGO	CA	DAYTON	
5/27/2008	34441	PATTERSON, JOHN T	WCOW	JEFFERSON CITY	MO	DAYTON	
5/27/2008	34442	BROST, MICHAEL	WA9FTS	NORRIDGE	IL	DAYTON	
5/27/2008	34443	DARIN, DEMETRIUS S, III	KA8SUB	AMHERST	OH	DAYTON	
5/27/2008	34444	GOLD, ROBERT E	W0KIZ	CASTLE ROCK	CO	DAYTON	
5/27/2008	34445	SCOTT, SUSAN E G	N8CGM	CINCINNATI	OH	DAYTON	
5/27/2008	34446	CHANDLER, CHARLES	WS1L	PURVIS	MS	DAYTON	
5/27/2008	34447	HOLSTEIN, CHARLES E, JR	WB6ABR	PALM BAY	FL	DAYTON	
5/28/2008	34448	WATTERSON, WILLIAM W	WW8B	DELAWARE	OH	DAYTON	
5/28/2008	34449	VARTANIAN, CHARLES M	N2AUY	OCALA	FL	CHARLES LUKAS	W1DOH
5/28/2008	34450	PRECHTL, CAROLYN	N5CIE	BRIDGE CITY	TX	NORMAN HELMS	K5SAC
6/2/2008	34451	RUCH, ANNETTE	WD0FEU	BLOOMINGTON	MN	BOB ROSKE	NOUF
6/2/2008	34452	BERGMANN, DELFORD	K0MWC	MINNEAPOLIS	MN	BOB ROSKE	NOUF
6/9/2008	34453	HUNT, RONALD W	N6MTS	FRESNO	CA	CHARLES MC CONNELL	W6DPD
6/9/2008	34454	CAPELL, JOSEPH	WOPJD	FRESNO	CA	CHARLES MC CONNELL	W6DPD
6/9/2008	34455	CURREN, LOIS A	KB6BDS	OKLAHOMA CITY	OK	WILLIAM M CURREN	WA6JXJ
6/10/2008	34456	MILLER, MICHAEL L	KA9DFI	WONDER LAKE	IL	-	-
6/10/2008	34457	FASNACHT, RICHARD S	KB4GJB	LANDRUM	SC	-	-
6/10/2008	34458	CECIL, PAUL F, JR	KA5FPT	BATH	ME	JOSEPH BRUCE RANDALL	W1ZE
6/10/2008	34459	MAGEE, CAREY	K2RNY	ROCHESTER	NY	JIM MOZLEY	W2BCH
6/10/2008	34460	SOUVA, SCOTT	KG2S	CAMDEN	NY	JAMES M MOZLEY	W2BCH
6/10/2008	34461	WASHBURN, CLYDE	K2UE	VICTOR	NY	JOHN B JOHNSTON	W3BE
6/10/2008	34462	ROSALIUS, JERRY	WB9Z	CRESCENT CITY	IL	JOHN B JOHNSTON	W3BE
6/10/2008	34463	KILLINGBECK, JOHN	WA2WWY	DEANSBORO	NY	JOHN B JOHNSTON	W3BE
6/10/2008	34464	PENNEY, ALPHONSE	V01NO	MERRICKVILLE	ON	DOUG LEACH	VE3XK
6/16/2008	34465	GRIFFIN, THOMAS E, III	N5BDD	DE RIDDER	LA	-	-
6/16/2008	34466	GATHERS, G ROGER	N6GRF	PLEASANTON	CA	-	-
6/17/2008	34467	JOHNSON, ROGER	W2HWY	WHITE OAK	PA	-	-
6/17/2008	34468	PAUTZ, NATHAN T	WA9PEJ	THE VILLAGES	FL	EDWIN A CROWELL	W5TWR
6/20/2008	34469	MELACHRINOS, STEPHEN J	W3HF	COLLEGEVILLE	PA	-	-
6/20/2008	34470	BOAZ, HERBERT ALLEN, JR	N4GGC	MONTVALE	VA	-	-
6/23/2008	34471	WARD, AL	W5LUA	ALLEN	TX	VAL L ERWIN	W5PUT
6/23/2008	34472	HYND, ROBERT F	N5URL	ARCADIA	OK	VAL L ERWIN	W5PUT
6/23/2008	34473	LUSSMYER, WAYNE	N5LDD	SACHSE	TX	VAL L ERWIN	W5PUT
6/23/2008	34474	WEIDENMAIER, BRIAN L	AE5CF	CARROLLTON	TX	VAL L ERWIN	W5PUT
6/23/2008	34475	SPENCE, JACK C, JR	K4C00	BOCA RATON	FL	-	-
6/24/2008	34476	CURL, ROBERT	WB6TKR	LONG BEACH	CA	-	-
6/24/2008	34477	ONEAL, JOHN F, JR	KC7KML	MESA	AZ	JEAN JOLKOVSKI	W4CIH
6/24/2008	34478	WILSON, DONALD R	KD5FJ	DALLAS	TX	-	-
6/25/2008	34479	KO, GAR W	NE8S	WICHITA	KS	LLOYD D MC COMBS	KOLM
6/25/2008	34480	BRUINGTON, CHARLES S	WB4FLM	ROCKY MOUNT	VA	-	-
6/30/2008	34481	MURPHY, JOSEPH P	WT4N	NESBIT	MS	-	-
6/30/2008	34482	DAVIS, ROBERT E	K6ITS	UPLAND	CA	BILL HAWLEY	W6ZRZ
6/30/2008	34483	CLEMONS, ARTHUR F	N8BLK	PHILADELPHIA	PA	-	-

from MILLIWATTS to KILOWATTS™

Quality Transmitting & Audio Tubes

COMMUNICATIONS • BROADCAST • INDUSTRY • AMATEUR					
3CPX800A7	3CX2500A3	4CX250R	4CX7500A	807	5868
3CPX5000A7	3CX2500F3	4CX350A	4CX10000A	810	6146B
3CW20000A7	3CX3000A7	4CX350F	4CX10000D	811A	7092
3CX100A5	3CX6000A7	4CX400A	4CX15000A	812A	3-500ZG
3CX400A7	3CX10000A7	4CX800A	4X150A	813	4-400A
3CX400U7	3CX15000A7	4CX1000A	YC-130	833A	M328 / TH328
3CX800A7	3CX20000A7	4CX1500A	YU-106	833C	M338 / TH338
3CX1200A7	4CX250B	4CX1500B	YU-108	845	M347 / TH347
3CX1200D7	4CX250BC	4CX3000A	YU-148	866-SS	M382
3CX1200Z7	4CX250BT	4CX3500A	YU-157	872A-SS	
3CX1500A7	4CX250FG	4CX5000A	572B	5867A	and more!

Immediate Shipment from Stock!

TMOS & GASFETS • TUBES & SOCKETS

HV Rectifiers • Transformers • Wattmeters

Variable, Doorknob & Electrolytic Capacitors

RF Power Modules & Transistors

Orders Only:

800-RF-PARTS • 800-737-2787

Se Habla Español • We Export

Tech Help / Order / Info: 760-744-0700

Fax: 760-744-1943 or 888-744-1943

Online Catalog: www.rfparts.com

E-mail: rfp@rfparts.com

RF PARTS™
COMPANY

From Milliwatts to Kilowatts™

435 S. Pacific St.
San Marcos, CA
92078



QCWA STANDING COMMITTEE ORGANIZATION

COMMITTEE CHAIRPERSON

Administration	Larry McCalvy, WA9JMO
Chapter Relations	Carolyn Harrison, WB0OUM
External Relations	Val Erwin, W5PUT, Co-Chair U.S.A. Joan Powell, VE3ZC, Co-Chair Canada
Financial	Tony Hirsch, W8RSW
Publications	Leroy Baldwin, W0OFY

Addresses for Chairpersons can be found at the listing for QCWA Officers and Directors. A complete listing of all committee members is available at the QCWA website, www.qcwa.org.

Memorial Scholarship Fund

NAME _____ HONORING _____

CHAPTER 32 W9DGW

CHAPTER 64 W5GOW

SHIRLEY SKINNER K4LVZ

CHAPTER 181 QCWA SILENT KEYS

CHAPTER 126 CHAPTER SILENT KEYS

CHAPTER 38 W5VHR

If you enjoy Amateur Radio, you'll enjoy **CQ**

Fun to read, interesting from cover to cover, written so you can understand it.

That's CQ. Read by thousands of people each month in 116 countries around the world.

It's more than just a magazine
CQ also sponsors fourteen world-famous award programs and contests.



Also available in the Spanish language edition.

Write for rates and details.

	USA	VE/XE	Foreign Air Post
1 Year	\$36.95	\$49.95	\$61.95
2 Years	\$66.95	\$92.95	\$116.95
3 Years	\$96.95	\$135.95	\$171.95

Please allow 6-8 weeks for delivery of first issue.

CQ Magazine

25 Newbridge Rd, Hicksville, NY 11801

www.cq-amateur-radio.com

516-681-2922 Fax 516-681-2926

CELESTRON

MEADE

ORION

TELE VUE

ALINCO

ICOM

KENWOOD

YAESU



1-800-426-2891

Metro: (763) 786-4475 FAX:(763) 786-6513

Website: www.radioinc.com

E-mail: radiocty@skypoint.com

2663 County Road I Mounds View, MN 55112

Random Recollections of an Old Ham

Operating Portable and Mobile

(continued from the Summer 2008 Issue of the QCWA Journal)

A Journalistic History of The Life and Times in Amateur Radio of George Hart, W1NJM
by George Hart, W1NJM

This was a kind of amateur radio operating that always fascinated me. I started operating mobile in the mid-1940's, shortly after returning from duty in the Army Air Corps. I am trying to remember the details of some of these early ventures into mobile and portable operation, outside of Field Day, but for the most part they elude me. Operating "portable," "mobile" and "mobile in motion" are three different kinds of animal, and my earliest ventures were simply taking along some ARC-5 (Army surplus) units with me, with suitable a.c. power supply and receiver (also Army surplus), stopping at a restaurant, motel or service station, requesting a plug-in to commercial power, stringing a makeshift antenna and "getting airborne." In most places there was some sort of outdoor receptacle; in others I had to go into an indoor receptacle in a restroom or outbuilding. I offered to pay a dollar for ten minutes of use, and usually this was satisfactory, although almost always I was asked a lot of questions. What did I want the connection for? Do you have any identification? Are you some sort of government agent? Amateur Radio, what's that? The equipment sat on the ledge behind the seat of my 1937 Chevy coupe, usually not fastened down and sometimes it slid around. Louise was usually with me on such trips and usually she tolerated the slight inconvenience, but sometimes she became exasperated. She knew long before we were married about the intensity of my love affair with amateur radio and bravely, through the years, put up with it. There was never any kind of jealousy involved, she knew it was the source of our livelihood, but sometimes I felt she wished I was in some more conventional kind of work. Convention was never my thing. A close friend years later put his finger on it: "Hart, you don't want to be better, you just want to be different."

It was true. I have always aspired to be more a leader than a follower. In all ventures, I followed only until I thought I had my teeth into it, then I went off on my own. Sometimes this resulted in leadership, sometimes in ostracism, but hardly ever in being ignored. I'd rather hate than ignored.

Getting back to mobiling; I soon got tired of being the mendicant and explored ways to power my own gear without resort to commercial power. At first there were vibrator supplies, quite common in car radios of the day, then came dynamotors. The little ARC-5 receivers ran off small 24-volt dynamotors, but in amateur use, the dynamotor was usually removed and an a.c. power supply put in its place. Military surplus was everywhere in the late 40's and early

***What did I want the connection for?
Do you have any identification? Are
you some sort of government agent?
Amateur Radio, what's that? The
equipment sat on the ledge behind
the seat of my 1937 Chevy coupe,
usually not fastened down and some-
times it slid around.***

50's, most of it quite adaptable for amateur mobile use. Ed got into this long before I did and was my mentor in this as in nearly all technical aspects of hamming. I purchased a tiny Gonset transmitter and a multiple-band Gonset receiver and installed them in my car, by then a 1946 Chevy sedan. The transmitter used a 6146 final and tiny plug-in coils for changing bands, and a PE103 dynamotor for a power supply. The PE103 was a popular surplus item used by amateurs everywhere to power their mobile transmitters. It was large, heavy and solid, mounted on a base full of switches, relays, capacitors and receptacles. Most amateurs removed the entire base and installed their own controls, which was what I did, mounting the dynamotor under the engine hood and using a footswitch on the floor of the car - the same kind of switch used in cars to switch the light beams. While the receiver hummed away on its vibrator supply, pressing the footswitch would start the dynamotor and activate the transmitter. My little Gonset had no modulator, so I was restricted to CW, a restriction that bothered me not the slightest.

As I recall, the PE103 operated on 12 volts, but operation on 6 volts was possible by making a few alterations. When connected for 6-volt operation, however, it used a tremendous amount of current, completely discharging a 6-volt battery within minutes. Many of the older cars used 6-volt ignition systems, so a larger charging generator was required for the battery. Even on cars with 12-volt batteries, operation of the PE103 without the engine running was not recommended, and several times I wound up with a dead battery when doing so, having to push the car to get it started.

When operating while in motion, I used a spring-mounted antenna on the back bumper of the car, with a center-loaded coil for operation on 80, 40 and 20 meters. I used interchangeable coils, but Ed used a large tapped coil. On the lower frequency bands I had to add electrical length on the top section to achieve resonance. This I solved by using a large spring clip with a length of metal attached to it, clipped onto the top of the loading coil. On 80 meters I had to use several different such clip leads. Ed's mobile antenna was homemade, but I used a purchased model put out by a manufacturer in Cleveland.

Ten meters was the most popular band for mobiling in the late 40's and 50's, and as time passed, Heathkit mobile transceivers became quite popular. I bought a SB 101 and Ed put it together for me (he didn't believe I could do it, and he probably was right). This had its own built-in transistor power supply designed to operate on 12 volts so was ideally suited for mobile operation. When not on a trip, however, I usually removed it from the car and used it with an a.c. power supply in my basement shack.

As indicated above, the accounts of my portable and mobile operations are probably fragmentary and all mixed up as to chronology. I remember sometime in the 50's when I was to take a field trip down south I decided to drive my Ford station wagon instead of traveling by rail or plane and I asked Ed, who then lived in Phillipsburg, NJ, if he'd like to accompany me. At first he declined, saying his TV repair business required his attention, but later he called me back and said the hell with the TV business, he was going with me. Ed was that way; he never let business interfere with pleasure. So the day my trip was to start I took off from Newington in my wagon, spent the night with my mother at the farm near Easton, picked Ed up at his house in P'burg the next morning and we were on our merry way. I had a ten meter rig installed in the wagon and we planned to make contacts along the way. I don't remember the club stops we made along the way, but we wound up in Thomasville, Ga., where I attended a lengthy meeting of civil defense and amateur radio dignitaries, including the Southeastern Division ARRL director whose name, I believe, was "Bubba" Bom. He was a florid, outgoing, well-nourished individual, but he told me I was to do all the talking, he was just a spectator;

But everything I said about the radio amateur's part in civil defense communications he agreed with whole-heartedly. He laughed loudly when I told the civil defense representatives that "I'm sure the telephone company can provide expert and complete communications facilities for you in the event of a civil emergency - as long as you arrange to pay their rates. We amateurs are a backup facility. We can do almost, but not quite, everything the telephone company can do - but our services are voluntary and free." Even the CD officials cracked a smile. The representatives of A T & T were not amused. Later, one of them collared me in a corner and asked, "Mr. Hart, why do you hate us?" I

protested I felt no such emotion, was just trying to make a joke; but he still didn't laugh.

Word of the exchange must have gotten through to my next stop, which was an affiliated club in Valdosta, because I received almost a hero's welcome there. I think Ed was nearly flabbergasted at the stature I seemed to have attained. I was the kid brother, who didn't know which end of a soldering iron to hold and who needed his judgment and benefaction; but maybe he was just a little proud of me, which thought gave me a lot of pleasure.

Our next stop was Miami. We came within ground wave range after we started across the southern part of the peninsula and hooked up with Andy dark, W4IYT. But before doing so we visited Bonita Beach, a few miles north of Naples. I was never much of a beach person and hated humid heat, but Ed loved it and vowed he would live there some day. We spent an hour or so taking a sweaty walk on the beach, then resumed our travel through Naples and across the peninsula on the Tamiami Trail. Alligator Alley, of course, had not yet been even thought of. Some of the roadway through the Everglades was corduroy, with a log base. It was quite an experience.

Once we hit the outskirts of the city, Andy guided us, by radio, to a suitable hotel near the convention center where the big civil defense meeting was to be held, then he and his wife Betty came down and we had dinner together. Betty also held an amateur license, but I've forgotten her call. I had met them before and we were close friends. They had, I believe, six children, including two sets of twins; but Betty was still a very pretty and lively girl and took an immediate shine to Ed. I was amused to find myself a bit crestfallen at this turn of events. Betty and Andy had been married ten years without a child, then suddenly the dam broke and she had six in, I believe, four years. I'll include as one of the appendixes to this work the story of our planned elopement.

So the day my trip was to start I took off from Newington in my wagon, spent the night with my mother at the farm near Easton, picked Ed up at his house in P'burg the next morning and we were on our merry way. I had a ten meter rig installed in the wagon and we planned to make contacts along the way.

We usually used 80-meter CW, but when we got within ground wave range we switched over to ten meters and used voice. For CW, I used a straight key strapped to my knee.

The Miami meeting was attended by about 200 people, mostly hams. My address was well received, and later Andy sent me a tape recording of it which I may still have somewhere in my basement shack. The next morning Ed and I headed north on route A1A. Our progress was slow, because Ed wanted to see all the sights, but as we approached Jacksonville we decided to drive right through, all the way to his home in Phillipsburg, NJ, stopping only for meals and other necessities, taking turns at the wheel, one sleeping on a mattress I had put in the back while the other drove. I took the first four-hour shift, starting at 10:00 p.m., while Ed climbed in the back. The big wagon hummed along effortlessly, but it burned a little oil. At 2 a.m. I tried to awaken Ed but got no response. At 3:30 I stopped to put some oil in the crankcase at an attractive park in Summerville, SC. I saw no trash receptacles in the dimly lighted park and I didn't want the empty oilcan rattling around in the back of the wagon, so I put it on top of a park statue, chuckling as I did so. Someone, probably a park guard or official, would be sure to spot it after dawn and wonder what the hell... Then I woke Ed up, told him it was his turn. It took him a few minutes to get awake, then off we went, I in the seat beside him. I told him I couldn't sleep in a moving car (this was before seat belts were invented) and would just relax. Before long I was dozing, so I climbed in the back and stretched out.

When I awoke it was daylight. I sat up, climbed into the front seat, and suggested we stop for breakfast.

"You missed breakfast," Ed said. "I got hungry so I stopped at a diner at about 4:30. I tried to wake you up, but no dice."

"You couldn't have tried very hard," I complained. "I'm a light sleeper."

"Sure you are. I shook you, yelled at you, slammed the car door, but you didn't move. And you were the one who couldn't sleep in a moving car."

"What time is it?"

"Ten o'clock. We'll stop for lunch at about noon, then you can take over. I'm starting to get pooped."

It was a long, dreary grind. Ed was not a very comfortable person to travel with, but I suppose he felt the same about me. We stuck to U.S.-301 most of the way. (None of the federal superhighways had yet been built). When we stopped to eat, Ed would produce a paperback and read

while he ate. He had very bad teeth and ate very slowly, while I sat and stewed and complained. He paid no attention to me. Each meal stop lasted about an hour and a half as a result, and at the end of the trip, in Phillipsburg, I calculated that it had taken us 36 hours of driving time, approximately 1500 miles, not counting the meal stops. It was dusk of the second day when we arrived at his house. Pauline fed us and we went to bed, I feeling hot and feverish. In the morning I felt only slightly better but I took off anyway, having had quite enough of Ed. When I arrived home in the afternoon Louise put me to bed and I sweated out the night, felt much better in the morning and went to work over her protests.

On my many trips to Easton and back I made contact with Ed hourly when he lived at the farm and later when he lived in Phillipsburg. The trip usually took five to six hours, depending on traffic congestion around New York City or how many stops we made. We usually used 80-meter CW, but when we got within ground wave range we switched over to ten meters and used voice. For CW, I used a straight key strapped to my knee. Many people have expressed astonishment that I sent CW while driving a car with my wife and two unruly children as passengers, as though this was any different from doing the same thing while using a microphone. To me, sending and receiving CW were the same as talking and required no special concentration. In fact, in the event of emergency I could have grabbed the steering wheel a lot faster than dropping a microphone to do so. Much more distracting was the kids fighting in the back seat. The PE-103 dynamotor, which required a great deal of current, was nevertheless totally reliable as long as the engine was running, but discharged the battery quickly otherwise. Louise sometimes became impatient with my preoccupation with radio during these trips, but most of the time exercised considerable tolerance. The Heath SB-101 was also very reliable. One time we were stopped in New Jersey by an overly zealous highway patrolman who insisted my mobile antenna was a traffic hazard. True, it did lay back at a 45 degree angle and sway around somewhat at 60 MPH. I fastened it to the rain gutter and he told me to leave it that way while in motion; but as soon as we got out of New Jersey I let it loose so I could resume operating in motion. It was the first and only time I was ever stopped for that reason. Louise didn't like the farm, so I usually dropped her at her sister's place in New Jersey on the way, picked her up on the way back. The kids loved the farm, with all its hazards of poisonous snakes, insects and vegetation, brambles, abandoned limestone quarries, etc. In fact, they probably loved it for that reason. We went swimming in the river nearly every day, weather permitting. At other times they ran loose on our 200 acres and the many adjoining farms. I particularly remember one Easter Sunday on our way home when, after picking up Louise, we ran into a traffic jam at the approach to the George Washington Bridge. We were tightly entrapped in bumper-to-bumper traffic for over three hours. I made three hourly contacts with Ed from almost the same posi-

The Heath SB-101 was also very reliable. One time we were stopped in New Jersey by an overly zealous highway patrolman who insisted my mobile antenna was a traffic hazard. True, it did lay back at a 45 degree angle and sway around somewhat at 60 MPH.

tion. It was a very warm night in late April, the kids gave us a lot of trouble; at one point we had to let them urinate at the side of the road. At another point we had to separate them, one of them getting in the front seat with me, the other one sitting in back with Louise. Ed seemed to think the whole situation very funny. That trip, from the farm to Newington, took eight hours.

In the next installment, George takes the family, and the rig, north of the border!

**SITTING
ON A TAX
WRITE-OFF?**

DONATE YOUR RADIO

Turn your excess Ham Radios and related items into a tax break for you and learning tool for kids.

Donate your radio or related gear to an IRS approved 501 (c)(3) charity. Get the tax credit and help a worthy cause.

Call 24 Hours A Day

Equipment picked up anywhere or shipping arranged.

Radios you can write off - kids you can't.

Call (516) 674-4072 FAX (516) 674-9600

WB2JKJ

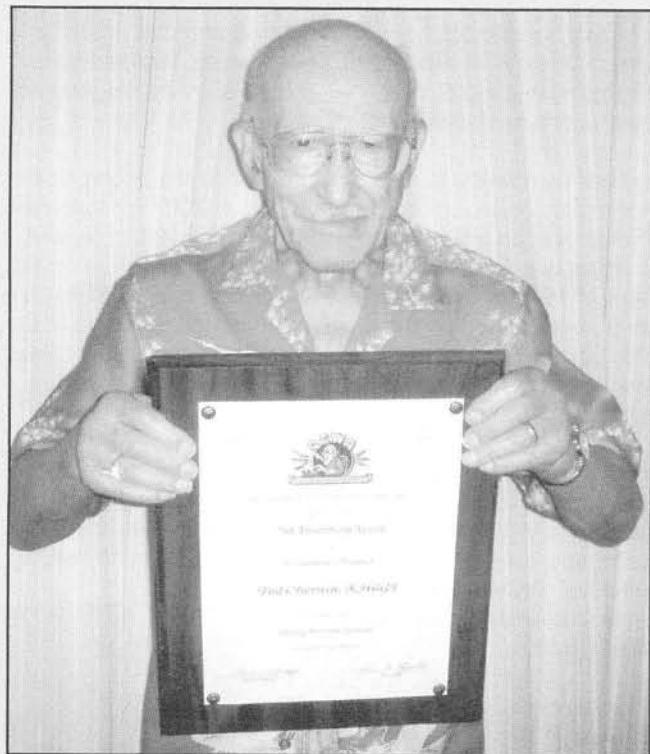
**THE RADIO CLUB
OF JUNIOR HIGH
SCHOOL 22**

P.O. Box 1052
New York, NY 10002

Bringing Communication to Education Since 1980

Congratulations

to Ted Chernin, KH6GI, on Receiving his 75-Year Award



Ted Chernin, KH6GI, and his 75-Year Award.

**75
YEARS**

Novice History

The Early-1950s, Strong Beginnings

Part 3 in a Series for the QCWA Journal

by Cliff Cheng, Ph.D., AC6C, formerly WN6JPA (1975)
Novice Historical Society, www.Novice.bappy.com

Headnote – Many hobbies like amateur radio do not have a well documented “history.” This “history” was compiled from many sources (see endnote); some of them are contradictory. This history is incomplete and should be regarded as a work in progress. There is an absence of YL, minorities, disabled hams and hams from the U.S. territories in this history for they are historically under-represented in ham radio.

This is our third article in a series of articles on the history of the novice era in amateur radio. In the spring of 2007 we launched this series with an article on the structure of the Novice license. That article was followed in summer 2007 with an article on the Novices of 1951; the first year the Novice was offered. This series is largely based on the growing, collection of stories and photos posted by former Novices from all over the United States on the website of the Novice Historical Society (The Society), www.Novice.bappy.com.

1952 was the first full year of the Novice license. The Society, so far, has located four former Novices from 1952: Tom Webb, W4YYOK, ex-WN4YOK; Quent Cassen, W6RI, ex-WN4YMG; Steve Jensen, W6RHM, ex-WN6RHM; and Ron Baker, WA6AZN, ex-WN8JIA. We will tell Quent’s story in the next installment of our series on Novice history.

The September issue *QST* in 1952 noted that Johnny Fearon earned a Novice at age 7, WN4WKP. Our QCWA General Manager, who is also the Editor of this journal, Chuck Walbridge, K1IDG, was also a fall 1952 Novice. Chuck was one of the very holders of the dual Novice and Technician licenses. Depending on what privilege Chuck was using, he would use his appropriate callsign: WNOLFX as a Novice or WOLFX as a Tech.

Charlie Lofgren, Ph.D., W6JZZ, had a pair of these licenses back in 1953 in Salem, OR. As a Novice he was WN7UWO. As a Tech. he was W7UWO. Ham radio antenna guru, L.B. Cebik, W4RNL, (SK), got started in 1954 with WN4RNL as a Novice and at the same time, W4RNL as a Tech.

Canton, Ohio’s own fifteen-year-old Ron Baker, WA6AZN, was intimidated to be in a room of 30-50 adults at the FCC taking an exam in 1952. Ron was assigned the Novice callsign, WN8JIA. That same year, 11-year-old Steve Jensen recalls leaving the San Fernando Valley suburbs to go to the downtown Los Angeles offices of the FCC. Steve was so nervous the FCC gave him a few minutes to calm down. It worked. He passed! It is not as if Steve lacked support. His father Bob Jensen, W6VGQ, and his wife Lenore Jensen, W6NAZ, were well known and liked in the ham community in LA and beyond. Lenore was one of the most famous YLs in ham radio history.

(<http://www.cq-amateur-radio.com/AmateurRadioHofFMay2907.pdf>, http://users.tellurian.com/gjurrens/famous_hams.html). Ten-year-old 1953 Novice Joe Montgomery, W1DWJ recalls venturing from Waltham, MA to Boston to go to the FCC Field Office to take his Novice. He earned WN1DWJ.

Until the Novice came out, amateur radio was a mainly adult hobby. The older hams were impressed that a teenager would learn Morse code and radio electronic theory to become a ham (Thomas, 1995). Ron Baker wrote “they accepted me and made me feel at home and wished me good luck. When I passed the code, they all cheered me, and that felt really good.” Ron tells The Society how generous hams were to him in the process of becoming a licensed radio amateur. Nelson, W8EAR lent him a code practice oscillator to help him learn Morse code. Bob remembers with fondness how, as a teenager, the adult hams welcomed him in 1951. “The help and feeling of fellowship among hams in general and at our club in Salem, Oregon, was very very special.”

Novices like Ron and Steve often built their own transmitters, typically built out of a chapter in the ARRL’s “How to Become a Radio Amateur.” Steve’s father, Bob Jensen, W6VGQ, a NBC Broadcast engineer, made sure his son built his own gear. Steve’s homebrew Novice station is pictured. Steve is in the picture without the eyeglasses. ,



Steve Jensen, WN6RHM with his homebrew Novice station.

Ron describes the history of homebrew Novice transmitters in the early-1950s starting with the 6V6 transmitter:
The “chassis” was made from 4 pieces of wood, with two long sections spaced such that the tube socket and the crystal socket could be mounted between them with wood screws. The coils were hand wound and items mounted from the bottom. My first one used a type 6V6 vacuum tube which produced about 10 watts input power at most. Later, while talking to other hams on the air, I discovered you could use a 6F6 for even more power, and that was 20 watts. Even later, hams found a 6L6 running at 40 watts worked too, but it had a little “chirp” since it was a little rough on the crystal. Eventually Novices found that you could parallel two 6L6s for 80 watts if you didn’t mind the chirp and sluggish crystal oscillation. Of course the crystal got a little hot as well but those crystals were pretty rugged in those days.

KN2DGR (1953), Paul Danzer, of Queens, New York, who is now N1II, was one of the thousands of Novices who built a 6L6. Some Novices even built their own receivers! It would be a few years before the ham radio manufacturers started making Novice

Novice History – The Early- 1950s, Strong Beginnings

transmitters. Bob Rolfness, WN7VZX, in 1953, or W7AVK, these days, made his own bug out of a hacksaw blade.

Teenager Bob Rolfness, W7AVK, held WN7VZX as a Novice and then W7VZX. After his father, Stanley became an SK in 1995, he applied for his father's call, W7AVK.

Any QSO, no matter how close was a thrill, especially from equipment one built or restored. Steve Jensen, WN6RHM, in 1952, now W6RHM, was happy to have a first QSO with a kid one suburb over in the San Fernando Valley, part of Los Angeles. 1953 Novice, Paul Danzer, KN2DGR, now N1II, recalls being thrilled at the DX he worked from Queens, NY to Greenwich CT and later Dayton, Ohio. Dan Smith, K6PRK, or as a Novice, KN6ERV, had a 70-mile first QSO in California, from Walnut Creek to Fresno in 1954. 1955 Novice, Jack Burks, who is now

K4CNW, made a first QSO spanning 4 miles in Columbia, South Carolina when he held KN4CNW. Tom Webb, WN4YOK, of Henderson, Kentucky, managed to work WL7AVP in Alaska. Not only was this DX it as rare DX to work an Alaskan Novice. Tom believes this was the first QSO between the fourth call district and Alaska.

In early-1953 the ARRL published its first Novice License Manual. In those days, one

George Marko, K2DWI

could only publish sample questions. It was illegal to divulge what was on the test, let alone publish the entire question pool with answers.

Also in about early-1953 the FCC had to start reissuing call signs. Up until this point, all call signs were original issue. The early WN#***, Novices got to drop the N and have a 1x3 call sign. Sometime around 1953, in the larger call districts, such as the 2nd and 6th, the KN#*** Novice call signs were first issued. The supply of WN#*** call signs were depleted in some call districts.

1954 may have been the last year the Novice exam was administered by FCC Field Engineers. George Marko, K2DWI, or KN2DWM in those days, writes about what it was like for a teenager going before an FCC Examiner in 1953:

The most intimidating thing of going to the FCC in New York City was not the test itself, but Mr. Finkelman, the FCC engineer in charge of giving the tests. He wore dark horn-rimmed glasses and walked the isle as the code test was given and it seemed as though he was going to flunk you by the way he looked at you. It was just the way he looked that got you nervous and you would miss a letter or number. In those days there were no multiple choice questions on the code exam. You had to copy 1

minute solid, otherwise you failed the test. If you missed a letter that started the next sequence of solid copy and they would send 10 minutes of code.

George's fellow 1953 New York area Novice, Paul Danzer, KN2DGR, now N1II, echoes how intimidating it was for a teenager would-be Novice to go to the FCC to be tested before an examiner. See George's picture; he is the one with the eye-glasses.

Paula Keiser, K8PK, or WN2JFC, as a 1957 New Jersey Novice wrote about trying to upgrade to General:

I made my first trip to New York for my first visit with the legendary Charlie Finkelman. I sat down at the code desk - and froze! I was scared TO DEATH! (Charlie had that effect on people, especially kids.) I couldn't write. My hand wouldn't move! Thirty days later, though, I was back. Knowing what to expect from Charlie, though, I breezed through the two exams that time, and passed.

One of the most famous ham's Mr. Finkelman tested was a teenager John Johnston, W3BE, or KN2HHR as a Novice in 1954. John went one to become the FCC's Wireless Bureau Chief, ARRL Vice-President, and our immediate past QCWA President.

Further articles in this series will cover the mid- and late-1950s, early-, mid- and late-1960s, early-, mid- and late-1970s, and the 1980s to 2000 when the Novice license ceased to be issued.

References – See the disclaimer in the headnote. Most of the history in this series comes from Bill Continelli, W2XOY and his amateur radio historical series "The Wayback Machine" <http://ham-shack.com/history.html>. Steve Melachrinos, W3HF's callsign history researcher has been invaluable in documenting historical facts. Rodney Dinkins, AC6V's outline was helpful, www.ac6v.com/. Ron Thomas, W8QYR, wrote an insightful piece on ham radio in the 1950s in October 1995 issue of QST and a similar piece in 2006. In May 1994 issue of QST, Phil Sager, WB4EDT; and Rick Palm, K1CE, wrote a history of ham radio licensing which was a helpful reference for this history. Gordon West, WB6NOA, provided specific details about licensing requirements history in the back of his licensing manuals. The Novice stories in this series come from the Novice Historical Society, www.Novice.bappy.com and from on-going discussions with contributors to this website.

Cliff Cheng, Ph.D., AC6C, has been a happy ham since 1975 when he earned his Novice license, WN6JPA, at John Burroughs Jr. High School in Los Angeles. Cliff's teacher, Ted Ryan, WB6JXY (SK), was a ham radio teacher for 35 years and grew a large and rich ham radio culture at school by teaching 6 Novice classes a year, plus another 6 Novice classes for the San Fernando Valley Amateur Radio Club, W6SD. Ted's memorial site contains a considerable amount of Novice history, www.TedRyan.bappy.com. Cliff started the Novice Historical Society so hams could share their Novice stories and pictures, www.Novice.bappy.com. Please visit Cliff's personal ham site where he has a whole section on the fun he had as a Novice, www.WW6CC.4t.com. Cliff is a QCWA and ARRL life member. He can be reached at: WW6CC - at - ARRL - dot - net if you care to share your Novice story and photo.

MEMBER CLASSIFIEDS

WANTED: Flying Horse Callbooks, U.S. Only. 1953 through 1973 issues. State the Volume and Number of the issue that you have. w7vu@arrl.net

WANTED: Military receiver R1444, it's a small solid state HF unit - Davco DR-30 ham band receiver. John Hurst, KU6X, 2512 Euclid Crescent East, Upland, CA 91784 (909) 981-6759, hurstjs@gte.net

FOR SALE: One "EL KEY" single lever bug type telegraph paddle, manufactured by Shore Manufacturing Corp., Baylor, NY. Like new condition, black base with chrome saddle. Make an offer; please include \$10 for shipping. Carlton Moseley, W4YVY, 219 Brandon Avenue, Tarboro, NC 27886

FOR SALE: Brand new in the box, never used, ADI 2 meter 50 watt mobile transceiver. \$100, plus shipping. email: fredessex@att.net or 818-7845336 Fred, W6TJO

WANTED: QCWA Members!! Place your ads here for FREE!! Have something to sell? Looking for a part, manual, book etc.? Take advantage of your membership and send your ad today to: Business Office, QCWA, Inc., P.O. Box 3247, Framingham, MA 01705-3247 or email your ad to: qcwagt@rcn.com

Listening is only half the fun..... POPULAR COMMUNICATIONS is the other half

Since 1982 Pop'Comm has delivered thousands of pages of great reading for both the radio enthusiast and the professional communicator.

Every month Pop'Comm is crammed with scanner frequencies, shortwave listings, broadcast and utility loggings, radio nostalgia, and technical information. Plus you'll find great features on amateur radio, public service communications, DXing, pirates, clandestines, and much, much more.



	USA	VE/XE	Foreign Air Post
1 Year	\$32.95	\$42.95	\$52.95
2 Years	\$58.95	\$78.95	\$98.95
3 Years	\$85.95	\$115.95	\$145.95

Please allow 6-8 weeks for delivery of first issue.

Popular Communications

25 Newbridge Rd, Hicksville, NY 11801
www.popular-communications.com
516-681-2922 Fax 516 681-2926

Amateur Radio's NEWSmagazine

WorldRadio

FCC•DX•Contests•QSL Mgrs.
Propagation•Aerials•QRP

Always a month ahead of the other magazines with the news.

Public Service, Emergency Communications, Int'l. Goodwill

**1 year (12 issues) \$21
(877) 472-8643**

www.WR6WR.com

Publisher, Armond Noble,
N6WR, QCWA Chap. 169



Communicated by Wireless? CB, Amateur, Commercial or Military 40 years ago? Licensed ham or not. JOIN - \$10 initiation, \$12/year. THE OLD OLD TIMERS CLUB 8015 Loyola Blvd. Los Angeles CA. 90045-2636 Ph: 310-670-4310 E-mail ootc@ootc.us Website <http://www.ootc.us>

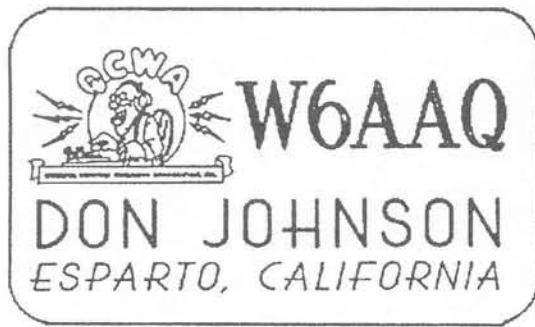
QCWA 2009 Convention will be a Cruise from October 24-31, 2009

Chapter 162 requested and was awarded the 2009 QCWA Convention. It will be onboard Holland America's new ship - *The Eurodam*, departing from and returning to Fort Lauderdale, Florida with stops on the islands of Grand Turk; San Juan, PR; St Thomas, USVI; and Half Moon Cay, Bahamas. ICOM Radio and NCG Company/Comet Antenna have offered us the use of several HF stations to use on the ship. There will be a "weather balloon antenna" flown off the rear of the 10th deck - we are not sure of what contacts can be made, but it will certainly provide some unique photo opportunities.

There will be Ham Radio related forums during the two days we are not at a port of call. We are still in the planning stages and hope to bring some other exciting things along with us. Please visit our WEB Site at www.qsltravels.org for the latest cruise information. Or contact Larry McCalvy, WA9JMO, at 5400 Six Mile Road, Racine, WI 53402, or by email at wa9jmo@wi.net for clarification and additional information about the 2009 Convention.

This is a wonderful opportunity to combine a family vacation with a Ham Radio function while enjoying a grand adventure with a whole boat load of very nice people. Please plan to join us on this very interesting outing.

Your Official QCWA Badge



We have an official QCWA Badge for you to wear at amateur functions. It is white with black. Above is an actual size reproduction. This badge is totally engraved (not 'hot pressed').

The order blank is printed below. The badge comes with a standard clip and a bolo clip. Additional cost options: Pocket Clip - Bolo Tie (specify color) - Magnetic Backing. Note: Badge cannot be ordered with both a pocket clip and Bolo clip.

QCWA Badge Order

Call _____

First Name _____

Last Name _____

Indicate whether you want your City/State or your Chapter name and Number as bottom line on badge.

1. City and State _____

2. Chapter Name and Number _____

Badge..... \$7.00

Pocket Clip - \$2.00..... _____

OR

Bola Ties - \$2.50..... _____

Bola tie color (circle one): Black, Blue, Brown, Green, Red, or White

OR

Magnetic Backing - \$2.50..... _____

Additional Postage for **NON-US DELIVERY**

- \$1.00 _____

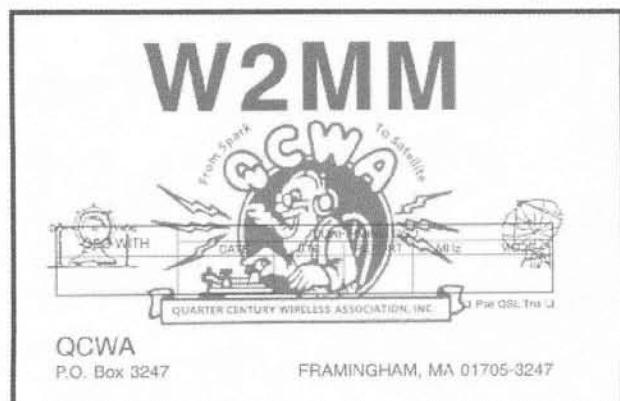
Total Cost..... _____

Complete in full and mail with your check to:

QCWA, PO Box 3247

Framingham, MA 01705-3247

Order Your Official QCWA QSL Cards Today



QCWA QSL cards are USA standard size, printed on heavy stock which is "coated" (shiny) on the logo side. Ink is bright blue with light gold QCWA logo. You may have your call in either solid letters (above) or shadowed (right). If you want your county printed, include on the order blank. Indicate whether you want your state spelled out in full or printed with the standard postal abbreviation. Prices listed below include shipping.

Please print clearly or type your order.

ORDER YOUR QSL CARDS HERE

Call _____ Solid Shadowed

QCWA Member # _____

Name _____

Street/PO _____

County (optional) _____

City _____

State _____ Spell out Abbreviate

Zip _____ ARRL

Province/Country (if non-USA) _____

10 - 10 # _____ Grid Sq. _____

Quantity: 100 \$25.00 200 \$35.00

300 \$45.00 500 \$60.00

1000 \$90.00

Complete in full and mail with your check to:

QCWA, Inc., PO Box 3247, Framingham, MA 01705-3247

Silent Keys

With great sadness we record the passing of these members

NAME	CALL	MEM. #	L	CITY	ST/PR
ANDERSON, KEITH R	K7SAJ	21826		PLEASANT GROVE	UT
BUDLONG, MERRILL P	W1MB	07833	L	NORTH SMITHFIELD	RI
CEBIK, L B	W4RNL	13211	L	KNOXVILLE	TN
CHARLTON, ELBRIDGE B	W5MD	11837	L	BATON ROUGE	LA
COLAGUORI, ANTHONY J	W2GUM	15950		LONG BRANCH	NJ
COMACK, HENRY	N7DZZ	21466		TUCSON	AZ
CRADDOCK, JOSEPH D	AE1S	31770		EVANS	GA
DE VOLPI, PIETRO	K3PD	31981		NEW CUMBERLAND	PA
DIEHN, RICHARD J	W8MJG	03008		TOLEDO	OH
DILLON, HARLEY L JR	N5HB	31894		SAN ANTONIO	TX
DODDS, LEONARD	VE3GHN	32919		SCARBOROUGH	ON
DOLES, ANDREW W	W8UDG	22346		BEDFORD	OH
EBY, EDWARD STUART	KF1B	18212	L	WATERFORD	CT
FENN, JOSEPH F	KH6JF	30690		HONOLULU	HI
FISCHER, WILLY	DL1AG	12577	L	DWERGTE	
FORBING, JACK D	K9LSB	16779		FT WAYNE	IN
FORGACS, JOHN P	W2AAS	01379		FARMINGTON	UT
FULLER, KENNETH A	W8VVR	19810		DIMONDALE	MI
GRIMES, VAREL S	AA7JM	24758		MIAMI	FL
HAGER, GEORGE E	K8SQC	24677		PARMA HTS	OH
HARDIE, LESLIE	WA7ELV	26888		EUGENE	OR
HASSLINGER, RALPH	W2CVF	00023	L	GLEN ROCK	NJ
HERB, JOHN W	W4CDU	07845	L	OCALA	FL
HILL, A LESLIE	W2QHS	15736	L	TINTON FALLS	NJ
INGRAM, A J	W5QVS	23406		MIDWEST CITY	OK
KELLEY, MYRON T	W4VQE	11880		NAPLES	FL
KHUEN-KRYK, KARL	VK6IP	33072		NILGEN	WA
KNAPP, ROBERT J	VE3CDG	10185	L	KANATA	ON
KNAPPEN, KEITH	KA8LDS	23243		ST GEORGE	UT
LESTER, DONALD R	W1TSN	07374	L	MATTAPOISETT	MA
LESTER, HOWARD L	W2ODC	07857		ALPLAUS	NY
MC ARTHUR, A A	VE3DJ	16538	L	ANCASTER	ON
MEYER, ARMIN	W3ACE	11744	L	WARRENTON	VA
MORGAN, GEORGE W	W3MWY	08992		BALTIMORE	MD
OHLSON, PETE	W5LVM	13685	L	DALLAS	TX
PATTI, TONY	W5VHR	14855		BOERNE	TX
POLITYKA, ALEX A	W8FLA	04270	L	FORT PIERCE	FL
POMRENKE, WOLFGANG	DL6TL	20930	L	BRAUNSCHWEIG	
RAMSEY, JAMES F	W4MPR	30114		MULLINS	SC
READE, SIDNEY J	W0WWH	23501		FORT COLLINS	CO
ROSS, BARBARA M	K7KCY	27032	L	CARSON CITY	NV
SCHMIDT, GEORGE C	W7PPD	08124	L	SISTERS	OR
SPENCER, C WAYNE	W5ROV	21656		CHARLESTON	AR
STEPHENSON, J GREGG	W1DGC	25347	L	PORTSMOUTH	NH
TROUT, ARTHUR M	WA8FBN	25686	L	LOUISVILLE	KY
VOLLMER, ANTHONY L	WA6FXD	25798		KANAB	UT
WALTERS, WILEY J	W7QAA	21898		SALT LAKE CITY	UT
WEBER, JOHN	KA2IXW	15390	L	HUDSON	NY
WOLK, FRANK	N5FW	16308	L	ALLEN	TX
YEICH, DONALD E	W3DMM	05319	L	SHILLINGTON	PA

Chapters On The Air!

NUM NAME	DAY	TIME	NC	FREQ	NUM NAME	DAY	TIME	NC	FREQ
SO CALIF CW	SUN	1100L	K6CD	7034	85 ARK-LA-TEX Chapter	MON	1930L	WA9PZL	146.67 -
FL SSB	SAT	1300Z	W4KOG	3955	89 PALMETTO STATE Chapter	SAT	0843L	N4RM	3930
QCWA SSB	SUN	2000Z	varies	14347	89 PALMETTO Chapter	SUN	1700L	N4RM	3695
FL SSB	WED	1500Z	W4NWF	7274	91 VIC CLARK Chapter	SUN	0900L	VARIES	146.79 -
CONEX	SUN	0815L	W2NBT	3917	102 DAKOTA Chapter	SUN	1400Z	VARIES	3889
QCWA CW	WED	2000E	VARIES	7035	106 GERMAN Chapter	MON	1630Z	DL0QCW	3773
1 CLEVELAND Chapter	WED	2000L	W8LYD	146.85 -	106 GERMAN Chapter	TUE	1730Z	DL1MEB	3576
2 CHICAGO AREA Chapter	1stTh	2130L	W9MOL	147.15 +	107 CENTRAL FL	SAT	0900L	W4LHP	7243
5 DELAWARE VALLEY Chapter	SUN	0945L	W2UAE	3917	107 CENTRAL FL	THUR	1230L	W4LHP	14245
6 PITTSBURGH Chapter	SUN	0830L	N3GHI	147.03 +	108 BEAVER STATE Chapter	WED	0800L	VARIES	3854
7 SOUTHERN CA	SUN	1000L	W6ZRZ	147.36 +	109 BATON ROUGE Chapter	SUN	2000L	VARIES	146.79 -
7 SOUTHERN CA	SUN	1000L	W6ZRZ	446.24-	109 BATON ROUGE Chapter	SUN	0800L	VARIES	3905
7 SOUTHERN CA	SUN	1100L	K6CD	7034	110 KANSAS Chapter	SAT	0730L	NOLL	3920
7 SOUTHERN CA	SUN	0900L	W6LPJ	3917	111 PALM BEACH Chapter	TTHSA	1900L	VARIES	146.670 -
8 UPPER MIDWEST Chapter	SAT	0800L	WOOFY	3909	112 YANKEE Chapter	SUN	0830L	W1GCA	3906
8 UPPER MIDWEST Chapter	SAT	0900L	NOGI	145.45 -	114 NORTH TEXAS Chapter	SAT	0830L	WA5BXH	3933
				echo link #89680	119 TIDEWATER VA	SUN	0900L	WQ4CWA	146.895-
9 SOUTHWEST OH	SUN	1330L	W8TIV	3975	119 TIDEWATER VA	SUN	0800L	WQ4CWA	3947
10 MICHIGAN Chapter	SUN	0800L	VARIES	3.903	123 LEE DEFOREST Chapter	SAT	0730L	VARIES	3940
10 MICHIGAN Chapter	SUN	1430L	VARIES	3.530	126 PIEDMONT Chapter	SAT	0845L	VARIES	3825
11 NORTHERN CA	SAT	1000L	WB6IMX	146.85 -	128 PELICAN Chapter	SAT	0900L	VARIES	145.29 -
11 NORTHERN CA	SUN	0930L	WA6AFT	3907	130 INLAND EMPIRE	WED	1930L	W6HV	1896
14 SAN DIEGO Chapter	WED	2000L	VARIES	146.640 -	130 INLAND EMPIRE	SAT	0800L	W6HV	3917
16 ARIZONA Chapter	SUN	0700L	W7LGB	3890	130 INLAND EMPIRE	FRI	1600L	W6HV	3917
17 ALLENTOWN-BETHLEHEM	SUN	1200L	W3GOS	3990	134 PINE TREE	SUN	1400L	VARIES	3942
19 MISSOURI Chapter	WED	1900L	W9BEL	147.360	135 MID-MICHIGAN Chapter	TUE	2000L	VARIES	146.70 -
20 Chesapeake	THU	2000L	KB3QQR	146.76 -	138 MARCONI Chapter	TUE	2100L	VARIES	147.045+
				pl 107.2	140 WYOMING Chapter	SAT	0800L	AB7BJ	3923
21 CANTON OH Chapter	THU	1930L	VARIES	145.11 -	146 TWIN STATE Chapter	SUN	0830L	VARIES	3912
28 CENTRAL NY	SUN	1030L	VARIES	3917	146 TWIN STATE Chapter	THUR	1900L	VARIES	146.76 -
31 READING,PA Chapter	MON	2100L	VARIES	146.91 -	149 NUTMEG Chapter	SUN	1030L	W1JC	3923
32 GATOR Chapter	SAT	0900L	VARIES	145.29 -	150 DEL-MAR-VA Chapter	SUN	0900L	NQ4Q	146.820 -
33 GUNDERSON PENN-JRSEY	DAILY	2000L	W3APE	3987	151 WILD ROSE Chapter	MON	1900L	VARIES	3747
33 GUNDERSON-PENN-JRSEY	DAILY	1000L	W3APE	14263	152 ROYAL PALM Chapter	MWF	1630L	K4FA	14190
35 MIDCONTINENT Chapter	THU	2030L	KOYML	146.97 -	160 UTAH Chapter	SAT	1100L	VARIES	7272
37 HARRISBURG Chapter	WED	2100L	K3IUY	147.12 +	162 SOUTHEAST WI	THUR	2100L	N9NBC	147.27+
38 SAN ANTONIO Chapter	SUN	2030L	W5HRF	146.94 -	165 YORK COUNTY PA	WED	2100L	W3AXC	147.33+
41 DALLAS Chapter	SUN	0715L	VARIES	3835	169 SACRAMENTO VALLEY	M/THU	1730L	VARIES	3947.5
45 CITRUS Chapter	TUE	1930L	VARIES	147.195 +	173 GOLDEN TRI Chapter	TUE	1930L	W9JRY	145.39 -
46 FOUNDER'S Chapter	SUN	0815L	W2NBT	3917	181 HUDSON VALLEY	SUN	0815L	W2NBT	3917
49 PEACH STATE Chapter	SAT	0900E	K4VN	3857.5	182 NORTHEAST TN	SUN	2100L	W4CZ	145.110 -
49 PEACH STATE Chapter	WED	2000L	K4VN	145.41 -	183 PIONEER Chapter	SUN	0930L	VARIES	3923
51 TEX-LA GOLDEN TRI	MON	1830L	W5AL	146.85	191 MONTEREY BAY Chapter	TUES	1930L	VARIES	146.70 +
55 WI Chapter	SUN	0830L	WA9UVK	3985					pl tone 94.8
58 CO Chapter	SUN	0900L	W9KRE	3910	194 HAWAII Chapter	1st S	1500L	KH6B	7088
58 CO Chapter	SUN	0930L	VARIES	146.67-	196 EDISON Chapter	DAILY	0730L	VARIES	147.345 -
62 SUWANNEE Chapter	SAT	0900L	W4PFJ	3940	198 MID SIERRA Chapter	SAT	0700I	VARIES	3908
63 CENTRAL OK Chapter	SUN	0730L	W5AS	3845 kcs	204 BANKS OF THE WABASH	SAT	1000L	VARIES	145.230
63 CENTRAL OK Chapter	THUR	1900L	W5HXL	147.105 +	205 EASTERN IN Chapter	MON	2000L	VARIES	147.045+
64 EL PASO Chapter	SAT	0830L	W5R0	3933					pl 131.8
65 NIAGARA FRONTIER	SUN	1330L	W2QI	3900	210 OMAHA Chapter	TUES	1900L	W0OMA	147.36 +
67 AUSTIN Chapter	SAT	0900L	W5MDL	3920	211 NEOSHO VALLEY Chapter	SAT	0900C	VARIES	3907
70 NATIONAL CAPITAL	MON	1930L	VE3QCW	147.030-					EXCEPT 4TH SAT
76 BLUE RIDGE Chapter	SAT	0845L	W4LSK	3.740 Mhz	213 FRESNO CALIFORNIA	4TH MON	1930L	VARIES	146.850(-)
79 SUNFLOWER Chapter	WED	2100L	VARIES	146.82 -					pl 141.3
81 LONG ISLAND QCWA Chapter	FRI	2030L	W2TLC	146.745 -					
81 LONG ISLAND Chapter	SUN	1130L	W2TLC	3917					

QUARTER CENTURY WIRELESS ASSOCIATION, INC.

P.O. Box 3247, Framingham, MA 01705-3247

508-405-1930

Fax: 508-405-1965



This form for use by all U.S. Applicants
for membership in QCWA.

Fees Effective 4/1/2007

For Official Use Only

Membership No. _____

Date _____

First Licensed Year _____

Deposit Record _____

New Application? _____ Renewal? _____ Original QCWA No. _____

I, _____, Present Call _____
(Print Name Clearly)

having been licensed as an amateur for 25 years or more and presently holding the call listed above,
(it is not necessary to have been licensed the entire 25 years) hereby apply for membership in QCWA.
I understand that proof of the original date of licensing is required. My complete mailing address is :

Street Number and Name	City	State	Zip Code
------------------------	------	-------	----------

E-Mail Address _____ Telephone Number _____

I will keep QCWA Headquarters advised of changes in my address and/or call sign. My first Amateur
license was dated _____ and the Call was _____ Other Calls held _____

Date of Birth _____

I wish to become affiliated with QCWA Chapter _____

Your Signature _____

SCHEDULE OF MEMBERSHIP FEES

Select one of the following plans:	Member	Family Member (ea. additional)	
QCWA Dues for a ONE-year period	\$25.00		_____
QCWA Dues for a TWO-year period	\$40.00		_____
QCWA Dues for a THREE-year period	\$55.00	\$12.00	_____
QCWA LIFE Membership	\$375.00	\$90.00	_____
When paid in 3 equal installments within a one-year period	\$390.00 (3 pay of \$130.00)	\$105.00 (3 pay of \$35.00)	_____

INITIAL REGISTRATION FEE, ALL NEW MEMBERS\$5.00 _____

Gold membership pins available with your call engraved (no year tag) Check fastener:

Tie-tac _____ Screw button _____ Safety pin _____ \$15.00 each _____

Year-tag pins (tie-tac only): 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75 or 80 \$20.00 each _____

Total _____

Proposed by _____ Call _____ No. _____ 07/06

Member Supplies

CERTIFICATES

Membership Certificates are numbered in serial order and are issued to each member. Numbers are not reissued except to the same member to whom they were first issued. There is no charge for these certificates.

- **QCWA Gold Certificates** celebrate the 50th anniversary of licensing. Issued without charge to eligible members upon proof of year of first license.
- **Gold Certificates** are issued in five-year increments; 55, 60, 65, and 70-year certificates free of charge to eligible members. Special awards are issued for 75 years and higher.
- **Fifty-Year Continuous Licensing Gold Certificate** available to eligible members. Requires submission of proof of continuous licensing. Applications are available from QCWA Headquarters.
- **QCWA Century Club Certificate** is issued to QCWA members whose age, when added to their number of years as a QCWA member totals 100 or more.
- **Meritorious Award Certificate** is issued by Headquarters upon request of any active QCWA chapter. One such award is authorized for each chapter each year. The award may be given to recognize unusual dedication to QCWA or amateur radio.

OPERATING AWARDS

The Activities Manager issues QCWA Operating Award Certificates to QCWA members. Proof of eligibility is required.

- **QCWA Worked 50 States Awards** are issued to QCWA members who have contacted members in each state of the union.
- **QCWA Worked 100 Members Awards** are issued to QCWA members who have contacted at least 100 QCWA members.
- **QCWA Worked 60 Chapters Awards** are issued to QCWA members who have contacted members of 60 chapters.
- **QCWA Worked 500 Members Awards** are issued to QCWA members who have contacted 500 QCWA members.

OTHER MEMBER SUPPLIES

- Lapel Pins without year tags. Tie tack, safety pin or screw type pins (no year) -\$15.00
- Lapel Pins with year tags (tie tack only). Specify year: 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75 or 80 -\$20.00
- QCWA Life Member pin: \$8
- QCWA Embroidered emblem: \$5.00
- 450 QCWA Red Stamps (regular): \$4.00
- 450 QCWA Gold Stamps (life): \$3.00
- 400 QCWA Yellow Stamps (50 Year): \$3.00
- QCWA Cap with logo: \$15.00
- QCWA Chapter Banner: \$225.00
- QCWA Decals: \$1.00
- QCWA QSL Cards — (see ad elsewhere)
- QCWA Member Badges — (see ad elsewhere)
- QCWA Golf Shirts— (see ad elsewhere)

Please send your order to: QCWA Headquarters, P.O. Box 3247, Framingham, MA 01705-3247
Phone (inquiries only, no orders via phone): (508) 405-1930, FAX: (508) 405-1965
We accept orders charged to credit cards. **Mastercard and VISA ONLY!!**

IC-7800

The ultimate amateur radio.

With four (count 'em, four) DSP processors under its skin, it's like the Icom engineers fitted the rig with four powerful computers. Heck, it's not even LIKE that, it IS that!



IC-PW1

- 1kW HF / 50MHz linear amplifier
- Remote the control head, or leave attached to main unit
- Small footprint
- Auto antenna tuner
- 4 Antenna connectors
- 2 Exciter inputs



SM-20

- Unidirectional, electret condenser-type desktop microphone
- Up/down tuning, PTT button
- Lock setting



SP-20

- External speaker
- Built-in audio filters
- 1/4 Headphone jack
- Connect 2 transceivers
- Includes audio cable
- 7.875 x 5.875 x 13.375 in, 6.6 lbs.



SP-23

- External speaker
- Built-in audio filters
- 1/4 Headphone jack
- Connect 2 transceivers
- Includes audio cable
- 5.75 x 4.25 x 11.2 in, 3.6 lbs

3 roofing filters



3kHz • 6kHz • 15kHz

- ADVANCED. CUTTING EDGE. DIGITAL
- HF / 6M
 - 5 - 200 W output power built-in (5 - 50 AM)
 - General coverage RX: 0.3 - 60 MHz
 - Four 32-bit floating point DSP units and
 - 24-bit AD/DA converters
 - 3 roofing filters
 - 2 identical, independent receivers
 - 7 inch wide color TFT display
 - Real time spectrum scope

- Dual, digital twin passband tuning
- High speed auto antenna tuner
- Digital IF filter
- 110 dB dynamic range
- +40 dBm 3rd order intercept point
- AGC loop management using DSP
- 50 CTCSS tone encode/decode
- Digital voice recorder
- CF memory card slot

Visit your Icom dealer today!

Free literature: 425.450.6088

or www.icomamerica.com